



Investigating cultural values, digital trust, and online purchase intentions among South African consumers

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DECLARATION

I, Sibusiso Amos Vuyo Maxengana, declare that this research dissertation, titled:

“Investigating cultural values, digital trust, and online purchase intentions among South African consumers”

is my own work and that all the sources used or quoted have been acknowledged as well as indicated by means of complete references, and that this dissertation has not previously been submitted by me or any other person for a degree at this or any other university.

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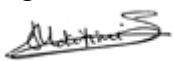
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ABSTRACT

Keywords: Cultural values; perceived usefulness; perceived ease of use; trust; perceived risk; eWOM; online purchase intention; South Africa.

The post-COVID-19 surge in South Africa's e-commerce sector, while significant, has not been uniformly inclusive, with growth trajectories deeply complicated by the nation's profound cultural diversity and persistent digital inequalities. While existing literature often examines cultural influences and technology adoption in isolation, a critical gap remains in understanding their interdependent effects on online consumer behaviour within this unique socio-cultural context. This study, therefore, sought to develop and empirically test an integrated model that examines the interrelationship between Hofstede's cultural dimensions (Collectivism, Power Distance, and Uncertainty Avoidance), the Technology Acceptance Model (TAM) constructs (Perceived Usefulness and Perceived Ease of Use), and their combined impact on online purchase intention, with Digital Trust positioned as a central mediating variable.

Grounded in a positivist paradigm, this research employed a quantitative, cross-sectional survey design. Data were collected via a structured online questionnaire from a stratified sample of 400 South African online shoppers. Validated scales, including the CVSCALE for cultural values and adapted TAM scales, were used to measure the constructs. The collected data were analysed using both descriptive and inferential statistics, with the hypothesised relationships within the conceptual model rigorously tested using Covariance-Based Structural Equation Modelling (CB-SEM) in IBM AMOS.

The findings reveal a complex, mediated consumer decision-making process. The structural model confirmed that cultural values exert a significant, but largely indirect, influence on purchase intention. Uncertainty Avoidance demonstrated a strong negative relationship with Digital Trust ($\beta = -0.41$, $p < .001$), indicating that consumers' intolerance for ambiguity directly erodes confidence in e-commerce platforms. Collectivism positively influenced trust ($\beta = 0.28$, $p < .01$), primarily operating through the powerful mechanism of social proof, with customer reviews and ratings being a far more influential factor than influencer marketing. The relationship for Power Distance was nuanced, showing a non-significant direct path to trust, suggesting a dualistic nature where deference to authority can build trust, but a simultaneous demand for transparency limits its effect.

Crucially, Digital Trust emerged as the most potent direct predictor of Online Purchase Intention ($\beta = 0.59$, $p < .001$), fully mediating the effects of Uncertainty Avoidance and

partially mediating the effects of Collectivism. While Perceived Ease of Use and Perceived Usefulness were confirmed as significant antecedents to trust and intention, their path coefficients were substantially lower, highlighting that in the South African context, utilitarian benefits are secondary to the fundamental need for transactional security and reliability. This is further evidenced by the high cart abandonment rate (34.5%), primarily driven by payment security concerns and high costs.

The study concludes that the path to purchase for South African online shoppers is a fragile negotiation, where cultural predispositions set the parameters for trust, which in turn acts as the critical gatekeeper to transaction completion. The research contributes a novel, integrated theoretical framework that synthesises cultural and technological models. Practically, it provides actionable insights for culturally tailored marketing, trust-centric platform design, and policies aimed at fostering a more inclusive and equitable digital marketplace in South Africa.

KEY TERMINOLOGIES USED IN THE STUDY

Cultural values

Yoo et al. (2011:143) define cultural values as the collective programming of the mind that distinguishes the members of one group or category of people from another. In this study, cultural values are operationalised through Hofstede's dimensions, specifically Collectivism, Power Distance, and Uncertainty Avoidance, which represent the deeply held beliefs and norms that shape South African consumers' perceptions and behaviours in the digital marketplace.

Perceived Usefulness

Davis (1989:320) defines Perceived Usefulness as the degree to which a person believes that using a particular system would enhance his or her job performance. In the context of this study, it refers to the consumer's subjective probability that engaging in online shopping will improve the efficiency and outcomes of their shopping activities, such as by saving time, finding better deals, or providing a greater variety of products.

Perceived Ease of Use

Davis (1989:320) describes Perceived Ease of Use as the degree to which a person believes that using a particular system would be free of effort. For this research, it pertains to the extent to which a South African consumer believes that interacting with an e-commerce platform, from navigation to checkout, would be clear, understandable, and straightforward, requiring minimal mental effort.

Trust

Gefen, Karahanna, and Straub (2003:56) define trust in an online context as a set of specific beliefs dealing primarily with the integrity, benevolence, and ability of the online vendor. In this study, Digital Trust refers to the consumer's confidence in the reliability, integrity, and security of an e-commerce platform, encompassing the belief that it will deliver the promised product, protect personal and financial data, and act in the consumer's best interest.

Perceived Risk

Pavlou (2003:102) describes Perceived Risk as the subjective expectation of suffering a loss in pursuit of a desired outcome. This study examines the consumer's perception of the potential negative consequences of online shopping, including financial risk (e.g., loss of

money), product risk (e.g., receiving faulty goods), and privacy risk (e.g., misuse of personal information), which is particularly salient in contexts of high uncertainty avoidance.

eWOM (Electronic Word-of-Mouth)

Chu and Kim (2011:52) define eWOM as any positive or negative statement made by potential, actual, or former customers about a product or company, which is made available to a multitude of people and institutions via the Internet. In this study, it refers to the opinions, reviews, ratings, and recommendations shared by consumers on digital platforms, which serve as a critical source of social proof and a risk-reduction mechanism, especially for collectivist-oriented consumers.

Online Purchase Intention

This study defines Online Purchase Intention as the consumer's conscious plan and willingness to make a purchase from an online store soon. It is a key behavioural antecedent that indicates the likelihood of a consumer completing a transaction and is influenced by a combination of their cultural values, perceptions of the technology, and the level of trust they have in the platform.

South Africa

For the purposes of this research, South Africa is defined not only as the geographic context of the study but also as a distinct socio-economic and cultural environment. It is characterized by a multicultural society with eleven official languages, significant economic disparities, varying levels of digital infrastructure, and a rapidly growing but unevenly adopted e-commerce sector. This specific national context provides the essential conditions for examining the relationships between cultural values, digital trust, and online consumer behaviour, distinguishing it from other low- and middle-income countries.

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Chapter 1

Introduction and Background

1.1 Introduction

Despite a surge in e-commerce after COVID-19, it remains unclear how South Africa's cultural diversity and persistent digital inequalities jointly shape online consumer behaviour across demographic groups (Moodley, 2021). The pandemic threw South Africa's e-commerce industry into overdrive, with pandemic-induced restrictions forcing both consumers and retailers to rapidly adopt and adapt to digital shopping platforms (NielsenIQ, 2023). However, firm-level motivations such as convenience and pricing, without unpacking how cultural norms, language differences, and infrastructure challenges influence individual decision-making (Abe & Mugobo, 2021). Furthermore, digital inclusion reveals that connectivity issues, data affordability, and limited digital skills continue to exclude large segments of rural and low-income communities from fully participating in online shopping (Mwansa, 2025).

At the same time, cultural values such as collectivist traditions, community orientation, and trust-building through social networks play a critical role in influencing consumer perceptions and trust in online retail (Shim, 2025). Media and industry reports highlight how local e-commerce players are adapting contextually, Reuters reported on Takealot's operational plans, including employing personal shoppers and establishing "dark stores" to serve township consumers less familiar with digital shopping (Reuters, 2024): These insights point to a need for an integrated analysis of three intersecting domains cultural values, digital enablement, and platform-level responses as key influences on online buying behaviour in South Africa. Yet, few South African studies have simultaneously modelled these domains jointly in the country's unique multi-lingual and unequal environment (Boston Consulting Group, 2024). This research sought to fill that gap by examining how cultural variables (e.g., language, ethnicity, trust expectations), digital enablers (e.g., connectivity, device ownership, data costs), and platform adaptations (e.g., personal shoppers, localized logistics) collectively predict online purchase intention across socio-economic and geographic segments.

Therefore, this digital revolution, which has transformed the retail landscape globally, is no exception in South Africa. Post-COVID-19, the urgency to adopt online shopping accelerated dramatically, forcing consumers and businesses to adapt swiftly (Smith &

Browne, 2021:42). Nevertheless, consumer behaviour particularly in South Africa is shaped not only by technological accessibility but also by deep-rooted cultural norms that influence how consumers perceive and interact with digital platforms (Nguyen et al., 2022:158). Given South Africa's unique cultural diversity, with eleven official languages and multiple ethnic identities, understanding how cultural factors intertwine with digital influences to shape consumer behaviour is essential for effective e-commerce strategy development (Pillay & Struweg, 2023).

By doing so, the study offers novel theoretical and practical contributions, it combines cultural diversity and digital infrastructure variables into a unified empirical framework for an emerging market.

The theoretical foundation for this study posits that cultural dimensions (Hofstede, 2011) act as a lens through which consumers evaluate digital platforms. For instance, a consumer with high Uncertainty Avoidance will inherently perceive more risk in an online transaction, thereby requiring greater assurances to build Digital Trust (Gefen et al., 2003). Similarly, collectivist values may lead consumers to place trust in platforms that facilitate social proof and community endorsement, rather than just technical security features. Thus, culture is not a secondary factor but a primary determinant of how digital trust is formed and maintained

1.2 Background of the Study

The COVID-19 pandemic acted as a catalyst for e-commerce growth worldwide, with South Africa witnessing an unprecedented surge in online shopping activity (Mhlanga, 2021:73). South Africa experienced a marked acceleration in online shopping after the COVID-19 pandemic with the online retail market valued at approximately R71 billion in 2023, representing just over 6% of total retail and a year-on-year growth of around 29% (Worldwide Worx, 2024).

Accordingly, there are 45.34 million internet users, which is 74.7% penetration. However, household access to the internet is uneven: the Statistics South Africa General Household Survey 2023 reports that 78.6% of households had any form of internet access in 2023, with mobile access the dominant mode (72.6%), while only 14.5% had fixed internet at home (Stats SA, 2023). Access patterns are geographically unequal: internet access and fixed-line penetration are substantially higher in Western Cape and Gauteng than in provinces such as Limpopo and Eastern Cape (Stats SA, 2023).

Mobile connectivity has been the principal enabler of digital participation, yet regional and socio-economic gaps in quality, affordability and digital skills persist, which limit meaningful participation in online markets for many rural and low-income households (Stats SA, 2022). Stats SA (2023) reports that mobile internet adoption in South Africa stood at 64% in 2023, but with a significant urban-rural usage gap of 18 percentage points). South Africa is multilingual and culturally diverse: official statistics indicate distinct language distributions (e.g., isiZulu and isiXhosa among the largest first-language groups), and most households report multilingualism factors that influence communication preferences and trust formation in commercial interactions (Stats SA, 2022).

This rapid growth was uneven, reflecting disparities in internet penetration, digital literacy, and socio-economic status (Goga & Mondliwa, 2021:98). Cultural preferences further complicated this landscape, as consumers' values, language preferences, and trust in digital platforms varied significantly across demographic segments (Chigada & Madzinga, 2022:121). Moreover, digital platforms themselves often utilise globalised designs that may not be fully aligned with local cultural expectations, leading to gaps in trust and engagement (Schutte & Chauke, 2022:8). Therefore, this study looked to provide a detailed analysis of how these cultural and digital factors collectively influence South African consumers' online shopping behaviours.

1.3 Problem Statement

Despite the rapid growth of e-commerce in South Africa following the COVID-19 pandemic, significant challenges remain in understanding the complex factors that influence consumer behaviour in this digital era. While internet penetration is high, access remains markedly uneven across regions and socio-economic groups (Mpinganjira & Maduku, 2023). Rural areas and low-income communities continue to face persistent barriers related to digital literacy, data affordability, and reliable connectivity, a phenomenon that entrenches existing inequalities (Gumbo et al., 2023; Mwansa & Ngandu, 2024).

These infrastructural disparities are compounded by the nation's profound cultural diversity: South Africa's eleven official languages and varied ethnic identities shape consumer values, communication preferences, and perceptions of trust and risk differently across demographic segments (Ngwenya & Mafini, 2023; Pillay & Struweg, 2024).

Mhlanga (2021) and Kilbourn (2022) examined either cultural influences or digital factors in isolation, thereby failing to capture their interdependent effects on online shopping behaviour. For instance, cultural identity profoundly affects how consumers interpret digital interfaces and assess the credibility of online platforms, with language mismatches and a lack of culturally tailored content contributing to mistrust and hesitancy (Pillay & Struweg, 2023:6). Many e-commerce platforms still deploy generic, globalized designs that overlook these nuances, which can alienate significant portions of the population and lead to higher cart abandonment rates and underutilization of digital marketplaces (Kusawat & Teerakapibal, 2023:3).

Moreover, trust in digital transactions is closely linked to culturally grounded social dynamics, such as community endorsement and relational networks, which global platforms often fail to address. This gap is particularly problematic in South Africa's historically marginalized communities, where consumer engagement is as much about social validation as it is about convenience or price (Chigada & Madzinga, 2022:121). Consequently, while digital transformation holds promise for economic inclusion, without a holistic understanding of how cultural values and digital capabilities interact, e-commerce adoption risks perpetuating existing inequalities.

This study thus filled a critical research gap by integrating cultural and digital dimensions to analyse how South African consumers navigated online shopping environments. By doing so, it provided insights to inform more culturally responsive digital strategies that enhance trust, usability, and ultimately, equitable participation in the country's growing e-commerce sector.

1.4 Main Research Objective

This study aimed to examine the interrelationship between cultural factors and digital capabilities in shaping consumer behaviour within South Africa's e-commerce environment, with the objective of developing insights that promote culturally responsive and inclusive digital marketplace strategies.

1.4.1 Sub-objectives

1.4.1.1 Cultural Dimension Objectives:

- Was to assess the influence of collectivism on online purchase intentions among South African consumers.
- Was to investigate the role of power distance in shaping trust and engagement with e-commerce platforms.
- Was to examine how uncertainty avoidance affects consumers' perceived risk and willingness to shop online.

1.4.1.2 Technology Acceptance Objectives:

- Was to evaluate the impact of perceived usefulness and perceived ease of use on consumers' digital engagement and online purchasing behaviour.

1.4.1.3 Mediation and Moderation Objectives:

- Was to analyse the mediating effect of trust in online platforms on the relationship between cultural values and online consumer behaviour.
- Was to explore the influence of influencer marketing on online shopping decisions across different cultural groups.
- Was to determine how demographic factors such as age, income, and geographic location moderate the effects of cultural and digital factors on online consumer behaviour.

1.5 Main Research Questions

How do selected Hofstede cultural dimensions; collectivism, power distance, and uncertainty avoidance, alongside Technology Acceptance Model factors perceived usefulness, perceived ease of use, trust, and influencer marketing, jointly influence online consumer behaviour among South African shoppers?

1.5.1 Sub Research Questions

- How does collectivism affect online purchase intentions among South African consumers?
- What is the role of power distance in shaping trust and engagement with e-commerce platforms?
- How does uncertainty avoidance influence consumers' perceived risk and willingness to shop online?

- To what extent do perceived usefulness and perceived ease of use affect consumers' digital engagement and online purchasing decisions?
- How does trust in online platforms mediate the relationship between cultural values and online consumer behaviour?
- What impact does influencer marketing have on online shopping behaviour across different cultural segments?
- How do demographic factors such as age, income, and geographic location moderate the influence of these cultural and digital factors on consumer behaviour?

1.6 Rationale of the Study

While South Africa's e-commerce sector has experienced notable growth, many digital marketing campaigns have underperformed due to cultural misalignment. For example, a major multinational retailer's 2022 online campaign failed to gain traction among isiXhosa-speaking consumers because the content was exclusively in English and featured messaging that did not resonate with community values of collectivism and trust (Mbeki, 2023:45). Similarly, a popular South African fintech app faced high user drop-off rates in rural provinces where digital literacy is low and where marketing failed to address local languages or emphasize community endorsement, which are critical trust drivers (Nkosi & Jacobs, 2024:112). This rationale is motivated by the critical gap in understanding how culture and digital engagement are intertwined, a gap that leads to tangible commercial failures and perpetuates digital exclusion.

These cases illustrate how overlooking South Africa's rich cultural diversity eleven official languages and distinct ethnic identities, can lead to ineffective digital engagement, despite significant investments. Generic, globalised digital platforms and campaigns often neglect critical cultural nuances such as language preferences, local customs, and social trust networks, resulting in mistrust. The study is motivated by the need to bridge a significant gap in understanding the intertwined role of culture and digital engagement on consumer behaviour in emerging markets. Post-pandemic shifts have made digital engagement essential, but without cultural sensitivity, strategies risk exclusion of vital consumer groups (Kotabe & Helsen, 2022:37). South Africa's diverse socio-cultural environment provides a compelling context to explore these dynamics, enabling the development of more inclusive e-commerce frameworks that enhance market penetration and consumer satisfaction (Pillay & Naidoo, 2023:65).

This study addressed a notable gap in e-commerce literature by integrating cultural dimensions and digital engagement factors within the unique South African context. While previous research often isolates cultural or technological influences, this investigation adopts a holistic approach that reflects the complex interplay shaping consumer behaviour in a multilingual, multiethnic society (Mhlanga, 2021:74; Heyns & Kilbourn, 2022:5). By operationalising key Hofstede cultural constructs alongside Technology Acceptance Model variables, the study advanced theoretical understanding of how cultural values modify digital adoption and trust processes in emerging markets (Nguyen et al., 2022:160; Pillay & Struweg, 2023:8). This contributed to the growing body of cross-cultural consumer behaviour scholarship and digital marketing theory, providing empirical insights currently underrepresented in African contexts (Chigada & Madzinga, 2022:123).

From a practical perspective, the research offered critical insights for businesses, policymakers, and digital platform designers aiming to enhance e-commerce participation across diverse South African demographics. The findings informed culturally tailored digital marketing strategies and platform designs that improve consumer trust, reduce cart abandonment, and promote digital inclusion (Kusawat & Teerakapibal, 2023:5; Schutte & Chauke, 2022:9). Such improvements are vital for advancing South Africa's digital economy in line with the National Development Plan (NDP) 2030 objectives, particularly those focused on:

- Inclusive economic growth through increased participation of marginalized groups in the digital marketplace (National Planning Commission, 2012:48).
- Improved access to infrastructure and digital services to bridge the digital divide (National Planning Commission, 2012:52).
- Enhancing education and skills development to improve digital literacy (National Planning Commission, 2012:56).

By addressing these goals, this study supported South Africa's broader vision of leveraging technology to foster equitable socio-economic development and sustainable growth (Mhlanga, 2021:78).

1.7 Significance of the Study

This study contributed to academic knowledge by integrating cultural theory and digital consumer behaviour models, particularly within the under-researched South African context (Heyns & Kilbourn, 2022:4). For practitioners, the insights informed culturally

tailored digital marketing strategies, UX design, and trust-building mechanisms to improve consumer engagement. Moreover, it supported South Africa's National Development Plan (NDP 2030) goals on digital inclusion and economic transformation by identifying barriers and enablers for inclusive e-commerce participation (South African Government, 2012). While the rationale identified the problem, this section details the novel contributions this study made towards solving it

1.7.1 Academic Significance

This study advanced academic knowledge by bridging cultural theory and digital consumer behaviour within the unique South African context, which remained underexplored in current literature (Heyns & Kilbourn, 2022:4). By applying Hofstede's cultural dimensions alongside the Technology Acceptance Model, it offered a nuanced understanding of how cultural and digital factors jointly shape online shopping behaviour in a multilingual and ethnically diverse society (Pillay & Struweg, 2023:7). This integrative approach contributed to filling a critical gap in cross-cultural e-commerce research, particularly relevant to emerging markets in Africa.

1.7.2 Practical Significance

From a practical standpoint, the findings provided actionable insights for businesses and policymakers to design culturally sensitive digital marketing campaigns, improved user experience (UX), and foster trust among diverse consumer segments (Kusawat & Teerakapibal, 2023:5). These improvements were essential for increasing e-commerce adoption and customer retention in South Africa's digital economy.

Furthermore, the study directly supported the National Development Plan (NDP) 2030 by addressing key goals such as:

- Goal 4: Inclusive Economic Growth by identifying barriers and facilitators to participation of marginalised populations in the digital marketplace (South African Government, 2012:48).
- Goal 7: Infrastructure and Digital Access by highlighting infrastructural and literacy challenges that limit equitable online engagement (South African Government, 2012:52).

- Goal 9: Education and Skills Development by emphasising the need for enhanced digital literacy to empower consumers in navigating e-commerce platforms (South African Government, 2012:56).

By aligning with these objectives, the research contributed to fostering a more inclusive and equitable digital economy in South Africa.

1.8 Literature Review

1.8.1 Digital and Cultural Consumer Behaviour Post-COVID-19

COVID-19 accelerated global e-commerce adoption, with the US seeing a decade of growth compressed into about three months in 2020 (McKinsey & Company, 2020:5). South Africa mirrored this trend, with online retail volumes doubling between 2018 and 2021 (Worldwide Worx, 2024:1). However, consumer behaviour shifts post-pandemic reveal a complex interplay between digital convenience and cultural trust needs (Mhlanga & Moloi, 2022:89). For instance, collective societies place greater emphasis on community validation in purchasing decisions, which impacts responses to social media influencer marketing (Kusawat & Teerakapibal, 2023:5). Language also remains a significant barrier; platforms not offering vernacular options face decreased engagement (Pillay & Struweg, 2023:8).

1.8.2 Digital Trust and User Experience

Digital trust is paramount in online shopping, influenced by platform usability, payment security, and transparent data policies (Sohaib & Kang, 2016:23). In South Africa, concerns over cyber fraud and data misuse remain high (PwC, 2024:9), which hinders e-commerce growth despite improved digital infrastructure (Goga & Mondliwa, 2021:101). User experience design that reflects cultural preferences (e.g., visuals, language, payment methods) fosters greater trust and reduces cart abandonment (Schutte & Chauke, 2022:11).

1.8.3 Cultural Dimensions Influencing Online Behaviour

Hofstede's dimensions (individualism/collectivism, uncertainty avoidance, power distance) have been extensively applied to understand consumer behaviour at a national level (Sohaib & Kang, 2016, p. 27). This study measures these as individual-level orientations using the CVSCALE (Yoo et al., 2011). South Africa's diverse cultural makeup, including high power distance and collectivist tendencies in some groups, affects how consumers

approach risk and digital interaction (Pillay & Struweg, 2023:5). Collectivist consumers rely more on community feedback and eWOM (electronic word of mouth) in purchase decisions (Kusawat & Teerakapibal, 2023:7).

The collectivist nature of many South African communities, which emphasises group harmony and social proof, suggests that consumers from these backgrounds may place greater trust in platforms that are perceived to be community-endorsed. In collective societies, trust is often built through social networks and shared experiences (Shim, 2025; Kusawat & Teerakapibal, 2023). Therefore, it was hypothesised: conversely, high power distance, which reflects an acceptance of hierarchical inequalities, may lead to scepticism towards impersonal digital platforms that lack traditional authority figures or intermediaries. Heyns and Kilbourn (2022) suggest that such cultural orientations can create barriers to trust in flat, egalitarian digital marketplaces.

Furthermore, cultures high in uncertainty avoidance have a low tolerance for ambiguous situations. Online shopping, with its inherent risks regarding product quality, delivery, and data security, presents a significant source of uncertainty (Sohaib & Kang, 2016). It is expected that this cultural trait will negatively impact trust.

The foundational constructs of the Technology Acceptance Model (TAM) are critical to digital engagement. Perceived Usefulness (PU), the degree to which a platform is believed to enhance shopping efficiency and outcomes, is a key driver of adoption (Davis, 1989). A useful platform is also likely to be perceived as more trustworthy. Similarly, Perceived Ease of Use (PEOU) reduces the cognitive effort required to interact with a platform, thereby lowering barriers and fostering a positive attitude and greater trust (Gefen et al., 2003).

Consequently, we hypothesise: Trust is the central mediating variable in this study's conceptual model. It is the mechanism through which cultural and digital stimuli are converted into a willingness to act. Extensive literature confirms that trust is a paramount prerequisite for transaction completion in e-commerce (Chigada & Madzinga, 2022; Pillay & Struweg, 2023). Hence it is proposed that trust is not merely an independent driver of intention but also the psychological pathway through which cultural values exert their influence on online shopping behaviour. This leads to the mediating hypothesis.

1.8.4 Gaps in Literature

Despite robust frameworks, there remains a scarcity of integrated quantitative studies examining the nexus of culture, digital engagement, and consumer behaviour in emerging markets like South Africa (Heyns & Kilbourn, 2022:7). This study responds to calls for interdisciplinary approaches combining marketing, cultural studies, and information systems research (Kotabe & Helsen, 2022:40).

While existing literature recognises the rapid growth of e-commerce in South Africa, much of the research tends to provide descriptive overviews rather than critically analysing the nuanced interplay between cultural and digital factors (Mhlanga, 2021:73; Goga & Mondliwa, 2021:98). For example, (Heyns & Kilbourn, 2022:4) emphasise the influence of cultural identity on digital trust but do not fully explore how these cultural dimensions interact with evolving digital literacy levels. This represents a significant gap, given South Africa's complex socio-economic and multilingual landscape.

Contrasting findings emerge in studies examining digital engagement: some report increasing acceptance of online shopping post-COVID-19 (Pillay & Struweg, 2023:3), while others highlight persistent barriers linked to infrastructure and socio-cultural mistrust (Schutte & Chauke, 2022:8). This contradiction points to a need for more context-specific, empirical research that disaggregates consumer segments rather than relying on aggregate national data.

Methodologically, there is a scarcity of longitudinal and mixed-methods studies in South African contexts, with many investigations limited to cross-sectional surveys or market reports lacking academic rigour (Chigada & Madzinga, 2022:121). Moreover, pre-COVID studies often overlook the profound behavioural shifts triggered by the pandemic, leaving a temporal gap in understanding how consumer attitudes and digital readiness have evolved (Nkosi & Jacobs, 2024:112).

Notably, there is a dearth of research that explicitly compares pre- and post-COVID consumer behaviours in South Africa, especially regarding the role of cultural factors in shaping digital adoption. This gap limits the development of effective, culturally nuanced digital marketing strategies tailored to South Africa's diverse populations.

To address these gaps, this study aimed to integrate robust theoretical frameworks Hofstede's cultural dimensions (measured at the individual level) and the Technology Acceptance Model with empirical data capturing both cultural and digital engagement

variables. This approach provided a more comprehensive and dynamic understanding of South African online consumer behaviour across demographic and cultural spectra. Gaps in Literature

1.9 Theoretical Frameworks

This study adopted a multi-theoretical approach to provide a comprehensive lens for investigating the complex interplay between cultural values, digital trust, and online purchase intention. The integration of these frameworks was essential to address the main research objective and its corresponding sub-objectives.

- Hofstede's Cultural Dimensions Theory (Operationalised via CVSCALE): This theory was employed to address Sub-objectives 1, 2, and 3, which focus on assessing the influence of collectivism, power distance, and uncertainty avoidance on online purchase intentions, trust, and perceived risk. By measuring these dimensions at the individual level, the study moved beyond national stereotypes to capture the nuanced cultural orientations within South Africa's diverse population (Yoo et al., 2011).
- The study focused on Collectivism, Power Distance, and Uncertainty Avoidance as these dimensions are most relevant to the South African socio-cultural context and directly influence digital trust and risk perception in e-commerce. Collectivism reflects the communal decision-making prevalent in many South African communities; Power Distance relates to trust in authority and institutional credibility; and Uncertainty Avoidance captures risk tolerance a critical barrier to online adoption. These three were selected based on their theoretical and contextual salience, as supported by prior literature (Pillay & Struweg, 2023).
- Technology Acceptance Model (TAM): This model is central to addressing Sub-objective 4, which evaluated the impact of perceived usefulness (PU) and perceived ease of use (PEOU) on digital engagement and purchasing behaviour (Davis, 1989). TAM provided the foundational constructs to understand the utilitarian drivers of technology adoption alongside cultural influences.
- Stimulus-Organism-Response (S-O-R) Model: This model served as the overarching integrative framework that binds the study together. It is used to address the Main Research Objective and Sub-objective 5 (mediation of trust). Within this model:
 - Stimuli: The external factors, comprising the cultural values (from Hofstede) and digital factors (PU & PEOU from TAM).

- Organism: The internal psychological states of the consumer, primarily trust (addressing Sub-objective 5) and attitude, which are shaped by the stimuli.
- Response: The resulting online purchase intention (the core dependent variable).

Furthermore, the S-O-R framework accommodated Sub-objective 7 by positioning demographic factors (age, income, location) as moderators that influence the strength of the relationships between the Stimuli, Organism, and Response.

1.10 Research Methodology

1.10.1 Research Approach

This study adopted a quantitative research approach grounded in the positivist paradigm, to test hypothesised relationships between cultural dimensions, digital engagement variables, and online consumer behaviour through statistical analysis (Creswell, 2014:42). The cross-sectional design facilitates a snapshot of consumer behaviour across diverse South African demographics at a specific point in time. Quantitative research approach was employed in this study, as it was best suited to examine relationships between cultural dimensions, digital engagement, and consumer behaviour across a broad sample of online shoppers in South Africa. Quantitative methods enable the systematic collection and statistical analysis of numerical data, which was essential when the aim was to test hypotheses and identify measurable patterns or trends (Creswell, 2014:145).

Moreover, the core strength of the quantitative approach lied in its ability to generalise findings to a larger population, which aligns with the objectives of this cross-sectional study. As Saunders argue, when researchers aim to infer relationships or make predictions based on objective measurements, quantitative strategies offer greater reliability and replicability (Saunders et al. 2019:178).

Significantly, in the context of post-COVID digital acceleration, understanding how online shopping behaviours differ across cultural groups demands a data-driven approach. The pandemic intensified digital dependency, but its impact was not culturally uniform (Wang et al., 2021:7). Hence, employing quantitative tools like structured surveys allowed for the capture of large-scale behavioural differences and preferences influenced by both digital literacy and socio-cultural backgrounds.

Furthermore, according to Hair et al. (2021:114), quantitative approaches are appropriate when investigating consumer behavioural constructs such as perceived risk, trust, and engagement, all of which can be measured using validated scales. These constructs were central to this study's objective to identify how culture and digital tools shape decision-making in online shopping environments.

Lastly, using a quantitative approach ensured objectivity, as it minimised researcher bias and allowed for the use of statistical techniques (such as correlation and regression) to draw valid conclusions (Bryman, 2016:170). This is especially important in a multicultural setting like South Africa, where nuanced differences in consumer behaviour must be assessed impartially and at scale.

1.10.1.1 Integration of Theoretical Frameworks

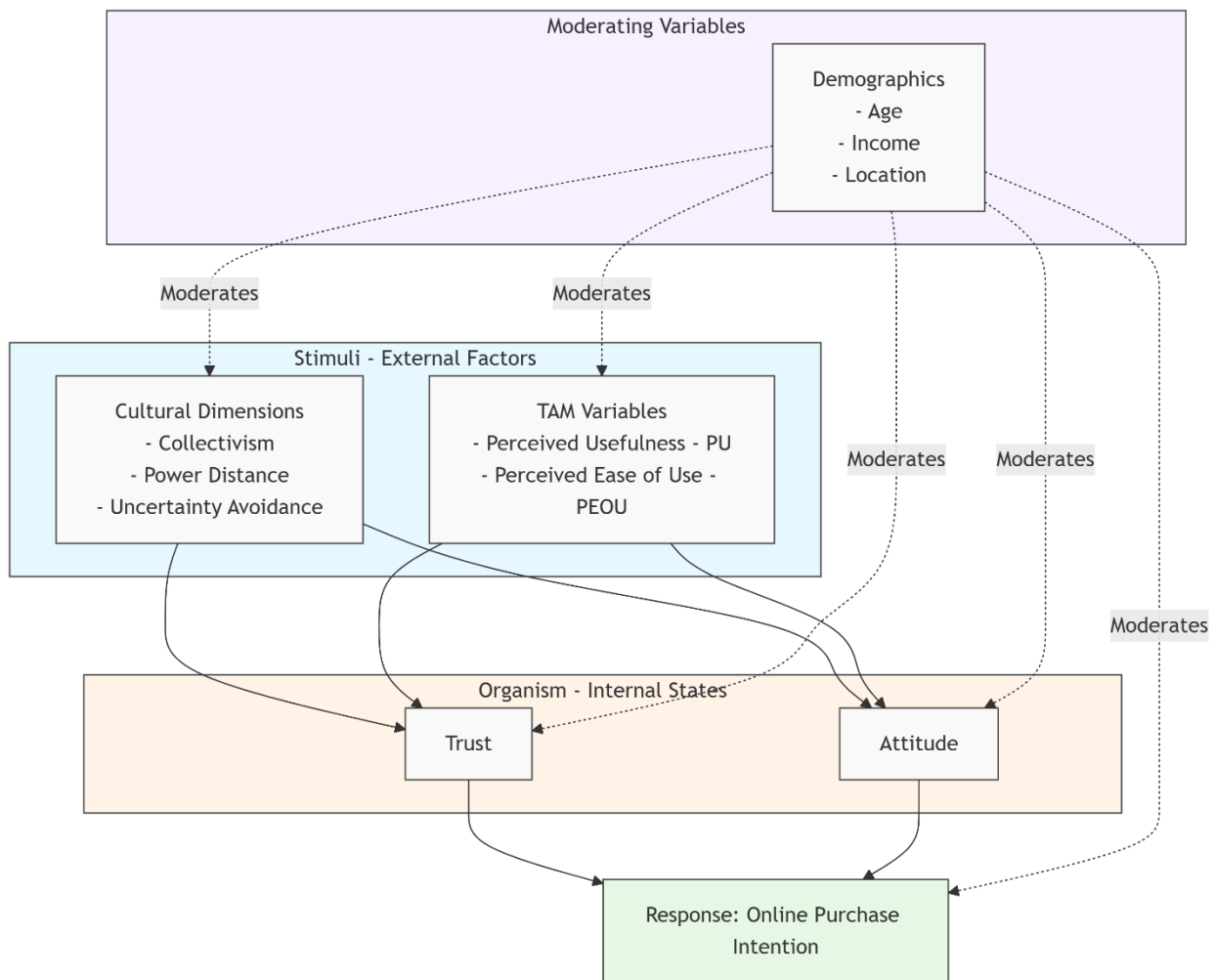
This study employed an integrated multi-theoretical framework combining Hofstede's cultural dimensions (as individual orientations), the Stimulus-Organism-Response (S-O-R) model, and the Technology Acceptance Model (TAM) to comprehensively analyse South African online consumer behaviour.

Hofstede's cultural dimensions (e.g., collectivism, power distance, uncertainty avoidance) function as stimuli within the S-O-R framework, representing external environmental factors that influence consumers' internal cognitive and emotional processes (Eroglu, Machleit & Davis, 2001:185; Hofstede, 2011:89). These cultural stimuli affect the organism the consumer's internal evaluations---by shaping perceptions of trust, risk, and digital usability (Heyns & Kilbourn, 2022:6).

The Technology Acceptance Model (TAM) constructs perceived usefulness and perceived ease of use further define the organism stage by capturing consumers' attitudes towards technology adoption (Davis, 1989:320; Venkatesh & Bala, 2008:267). The factor of trust complements these cognitive evaluations by influencing emotional responses that mediate behavioural intentions (Gefen, Karahanna & Straub, 2003:722).

The response in the S-O-R model corresponds to consumer behaviours like online purchase intentions and actual buying decisions (Mehrabian & Russell, 1974:3; Eroglu et al., 2001:189).

Figure 1-1; Conceptual Diagram description



The conceptual model illustrates:

- Stimuli: Hofstede's cultural dimensions (as perceived norms) and TAM variables (PU, PEOU) as environmental inputs.
- Organism: Trust and attitude as internal cognitive and emotional processes.
- Response: Online purchase intention as the observable outcome.
- Moderators: Demographic variables (age, income, location).

Arrows depicted causal pathways from cultural and digital stimuli through organism mediators to behavioural responses, moderated by demographic variables. to behavioural responses, moderated by demographic variables.

1.10.2 Research Design

A structured online survey was used to collect primary data. The questionnaire was developed based on validated scales adapted from Hofstede's cultural dimensions and the

Technology Acceptance Model (TAM), ensuring measurement reliability and validity (Davis, 1989:320; Hofstede, 2011:89). The design incorporated demographic and behavioural variables that allowed moderation analysis. The study adopted a cross-sectional survey research design, which was highly appropriate for investigating the relationships between cultural orientation, digital engagement, and consumer behaviour within a specific time frame. As noted by Saunders et al. (2019:160), a cross-sectional design involves collecting data from a sample population at a single point in time, enabling researchers to identify patterns, associations, and current attitudes or behaviours without the need for longitudinal follow-up.

This design was particularly suitable for the present research, as the aim was to examine how cultural and digital influences affect online shopping behaviour among diverse South African consumers in the post-COVID era. Significantly, cross-sectional designs are efficient in studies where time and resource constraints make longitudinal tracking unfeasible (Creswell & Creswell, 2018:152). Moreover, by capturing a snapshot of consumer behaviours during a time of heightened digital transformation, this design aligned with the study's objective of assessing the immediate effects of digitalisation and cultural shifts on consumer behaviour.

Furthermore, a survey design allowed for the collection of structured, standardised data using close-ended questions, which facilitated statistical analysis using techniques such as Multiple Regression and ANOVA (Bryman, 2016:162). This structured format enhanced the reliability and validity of the findings by reducing measurement errors and ensuring consistency across responses.

Equally important, the survey instrument developed through Microsoft Forms and was distributed digitally to reach a geographically and culturally diverse sample, thus supporting broader generalisability. In line with the arguments presented by Dillman et al. (2014:97), digital survey tools enable the efficient collection of large-scale quantitative data, especially from populations with varying levels of digital engagement, which is a key variable in the study.

In conclusion, the cross-sectional survey design was not only methodologically sound but also contextually relevant, as it provided a reliable and scalable means to explore the dynamic intersection between culture, technology, and consumer behaviour in the South African online marketplace.

1.10.3 Research Paradigms

This research adopted a positivist paradigm, emphasizing objective measurement and hypothesis testing to explain causal relationships within consumer behaviour (Neuman, 2014:78).

1.10.4 Population and Sampling

The target population for this study comprised South African online shoppers aged 18 years and above, encompassing individuals from various provinces, income levels, age brackets, and language groups. This broad and inclusive definition is crucial, as it recognises the country's rich cultural heterogeneity and socio-economic disparities, which significantly shape digital consumption patterns (Goldstuck, 2022:17; Mpinganjira & Maduku, 2020:105).

To enhance representativeness and ensure that findings were generalised across demographic strata, the study employed a quasi-percentile sampling technique, to avoid the skewing towards a particular population (Creswell 2014:158), for this research, the key strata included:

- Age groups (e.g., 18–25, 26–35, 36–50, 51+)
- Income levels (e.g., low, middle, and high-income earners)
- Provincial location (e.g., Gauteng, Western Cape, KwaZulu-Natal, etc.)

To determine the required sample size, a target of N=400 was set. This is justified based on power analysis for CB-SEM, which recommends a sample size of 10-20 cases per estimated parameter. With an anticipated model containing approximately 30-40 parameters, a sample of 400 provided sufficient statistical power (≥ 0.80) for detecting medium effect sizes at a 95% confidence level (Hair et al., 2019:112). This sample size also allowed for meaningful multi-group analysis across key demographic segments.

Participants were recruited via digital platforms, primarily through WhatsApp and LinkedIn. The recruitment strategy leveraged a snowball sampling technique, initiated by sharing the survey with the researcher's personal and professional networks. These contacts and various online groups were then requested to forward the survey within their own networks. This approach facilitated a wide distribution, ensuring the survey reached respondents across all nine provinces of South Africa and supporting accessibility across both rural and urban locations. To enhance the sample's representativeness, quotas were

set proportionally based on the latest census data to reflect the national population distribution.

In conclusion, this sampling framework not only supported the statistical validity of the research but also aligned with the sociocultural diversity of the South African context, thereby enhancing the study's generalisability and policy relevance.

1.11 Data Collection

1.11.1 Data Sources

The primary data for this study was collected directly from South African online consumers using a structured online survey. This approach was particularly appropriate for studies investigating digital consumer behaviour, as it ensured alignment between the research context (i.e., online shopping) and the data collection environment (i.e., digital platforms) (Bryman, 2016:210).

Specifically, the survey was administered via digital channels such as, LinkedIn, Facebook, and WhatsApp broadcast groups, leveraging both professional and personal networks to access diverse demographic segments. This strategy was especially valuable in the South African context, where mobile internet penetration is growing rapidly, and social media platforms are widely used across age groups (Goldstuck, 2022:19; Statista, 2024:6).

Moreover, this digital mode of data collection offered significant advantages in terms of cost-efficiency, speed, and geographical reach, allowing respondents from both urban and rural provinces to participate without logistical constraints (Saunders et al., 2019:152). It also ensured anonymity, which can reduce social desirability bias and encourage greater honesty in responses (Sekaran & Bougie, 2016:137).

The decision to collect first-hand data through an online instrument was further justified by the cross-sectional nature of the study, which aimed to capture the current state of consumer behaviour, cultural orientation, and digital engagement in the post-COVID era (Mpinganjira & Maduku, 2020:106). Relying on existing secondary data, such as e-commerce platform statistics, would not provide the behavioural nuances and psychographic insights necessary for this analysis.

The use of a digital, survey-based primary data collection method aligned methodologically with the research objectives and ensured access to a large, relevant, and demographically diverse sample of South African online shoppers.

There, primary data was collected through a structured online questionnaire comprising validated scales adapted from authoritative sources. Cultural dimensions was measured using the 24-item reduced version of Hofstede's Cultural Values Scale developed by Yoo, Donthu, and Lenartowicz (2011:143), selected for its reliability and applicability in cross-cultural consumer research. Digital engagement constructs: perceived usefulness and perceived ease of use were measured using items from the original Technology Acceptance Model (Davis, 1989:320), supplemented by trust and influencer marketing scales adapted from Gefen, Karahanna, and Straub (2003:56) and Chu and Kim (2011:52), respectively.

1.11.2 Data Collection Instruments

A structured questionnaire hosted on Microsoft Forms included validated scales for cultural values (adapted Hofstede items), digital engagement, trust, and purchase behaviour, using a 5-point Likert scale.

1.11.3 Data Analysis

The data collected through the structured online survey were analysed using the Statistical Package for the Social Sciences (SPSS), a powerful statistical tool well-suited for quantitative research. SPSS allows for robust statistical computation, data management, and hypothesis testing, making it ideal for large datasets commonly derived from survey responses (Field, 2018:42).

To begin with, descriptive statistics such as means, frequencies, and standard deviations were used to summarise the demographic profiles of respondents and provide an overview of their cultural dimensions, digital engagement levels, and online shopping behaviours. This step was critical for understanding the distribution of variables and detecting any anomalies or missing data before proceeding with inferential analysis (Pallant, 2020:121).

Following that, inferential statistical techniques was employed to test hypotheses and explore the relationships among key variables. Specifically:

Multiple regression analysis was used to determine the predictive strength and influence of independent variables (such as cultural orientation and digital engagement) on dependent

variables (such as frequency of online shopping, trust in digital platforms, and post-purchase satisfaction). This technique was particularly valuable for understanding how multiple factors simultaneously affected consumer behaviour and for modelling real-world complexity in behavioural outcomes (Hair et al., 2021:157).

In addition, Analysis of Variance (ANOVA) was used to compare mean behavioural differences between groups with varying cultural traits or digital competencies. For example, ANOVA can identify whether consumers from collectivist cultural backgrounds exhibit significantly different online shopping patterns compared to individualist consumers (Tabachnick & Fidell, 2019:87).

Moreover, these statistical techniques facilitated hypothesis testing by indicating the statistical significance of observed relationships and group differences, thereby helping to confirm or refute the study's conceptual assumptions.

Importantly, all analyses were adhered to a confidence level of 95% ($\alpha = 0.05$), ensuring the results meet conventional standards for statistical significance. This strengthened the rigour of the conclusions and provide credible evidence for practical and theoretical implications.

In summary, data was analysed using IBM SPSS Statistics and AMOS software. Initial descriptive statistics summarised sample characteristics. Inferential analyses included:

- Reliability tests such as Cronbach's alpha were widely used to assess the internal consistency of scales (Tavakol & Dennick, 2011:53).
- Confirmatory Factor Analysis (CFA) was employed to validate the construct validity of measurement models by testing the fit between observed data and the theoretical factor structure (Brown, 2015:64).
- Structural Equation Modelling (SEM) allows for testing complex hypothesised relationships among latent variables within integrated theoretical frameworks (Kline, 2016:22).

Diagnostic checks preceded hypothesis testing, including assessments for multicollinearity (Variance Inflation Factor), normality (skewness and kurtosis), homoscedasticity, and linearity to ensure assumptions for SEM were met (Hair et al., 2019:112).

Missing data was evaluated for patterns using Little's MCAR test. If data was missing completely at random (MCAR), multiple imputation methods will be employed to address

gaps without biasing estimates (Enders, 2010:75). Cases with excessive missing responses (>20%) were excluded from analysis to maintain data integrity.

1.11.4 Reliability and Trustworthiness

The instrument underwent pilot testing and reliability analysis (Cronbach's alpha > 0.7) to ensure internal consistency (Hair et al., 2014).

1.11.5 Ethical Considerations

Participants were fully informed of the study's aims, with voluntary participation and right to withdraw emphasized. No personal identifiers were collected to maintain anonymity.

1.11.6 Informed Consent

Participants were presented with an online informed consent form at the start of the survey. This form clearly explained the purpose of the study, the voluntary nature of participation, estimated time to complete the survey, confidentiality assurances, and the right to withdraw at any time without penalty. No data was be collected if consent is not given.

To protect participant data, the survey platform employed secure encryption protocols (SSL/TLS) ensuring that responses were transmitted safely. Data was stored on password-protected servers for a period of 5 years after the completion of the study as per academic standards, with access restricted only to authorised research team members. Personally identifiable information was not collected to maintain anonymity. Additionally, data was anonymised during export and analysis stages to prevent tracing responses back to individual participants. All procedures complied with relevant data protection regulations, such as South Africa's Protection of Personal Information Act (POPIA).

Therefore, ethical clearance was obtained prior to data collection, ensuring compliance with university and national research ethics guidelines.

1.11.7 Confidentiality and Anonymity

Data was stored securely, accessible only to the research team, with results reported in aggregate form to protect participant identity.

1.11.8 Minimizing Harm

The study posed minimal risk, participants did not experience discomfort responding to any questions.

1.11.9 Data Usage

Data was used strictly for academic purposes and will not be shared with third parties.

1.11.10 Ethical Approval

Participants gave informed consent for the purposes of data collection; and the North-West University Ethics Committee granted approval prior to the collection of data.

1.12 Chapter Outline

1.12.1 Chapter 1: Introduction and Background

- Introduction
- Background of the Study
- Problem Statement
- Main Research Objective and Sub-objectives
- Main Research Questions and Sub-questions
- Rationale of the Study
- Significance of the Study (Academic and Practical)
- Literature Review (Overview)
- Theoretical Frameworks
- Research Methodology (Overview)
- Chapter Outline

1.12.2 Chapter 2: Literature Review

- Digital and Cultural Consumer Behaviour Post-COVID-19
- Digital Trust and User Experience
- Cultural Dimensions Influencing Online Behaviour
- Gaps in Literature

1.12.3 Chapter 3: Research Methodology

- Introduction
- Research Philosophy
- Research Approach: Deductive and Quantitative
- Research Design
- Population and Sampling
- Data Collection Instrument and Procedure
- Data Analysis
- Ethical Considerations

1.12.4 Chapter 4: Results and Data Analysis

- Introduction
- Demographic Information of the Participants
- Cultural Values (Collectivism, Power Distance, Uncertainty Avoidance, Language and Cultural Relevance)
- Technology Acceptance and Digital Trust (Perceived Ease of Use, Perceived Usefulness, Digital Trust, eWOM and Social Proof)
- Online Shopping Behaviour
- Conclusion

1.12.5 Chapter 5: Discussion, Conclusions, and Recommendations

- Introduction
- Interpretation of Key Findings
- Comparison with Literature
- Theoretical and Practical Implications
- Study Limitations
- Recommendations for Practitioners and Policy makers
- Suggestions for Future Research
- Concluding Remarks
- Recommendations

Chapter 2

Literature Review

2.1 Digital and Cultural Consumer Behaviour Post-COVID-19

The COVID-19 pandemic acted as an unprecedented global catalyst for e-commerce adoption, compressing a decade of projected growth into a matter of months in many markets (McKinsey Global Institute, 2021). South Africa mirrored this global trend, with online retail volumes doubling between 2018 and 2021 as pandemic-induced restrictions forced a rapid pivot to digital shopping platforms (Worldwide Worx, 2024; NielsenIQ, 2023). However, this surge in digital adoption was not uniform, revealing a complex and nuanced interplay between newfound digital convenience and deep-rooted cultural trust needs that shape consumer behaviour (Mhlanga & Moloi, 2022).

The initial driver of this shift was necessity. Lockdowns and health concerns propelled consumers and retailers alike to rapidly adopt and adapt to online channels (Smith & Browne, 2021). This period saw a marked acceleration in South Africa's e-commerce sector, which was valued at approximately R71 billion in 2023, representing over 6% of total retail (Worldwide Worx, 2024). Despite this growth, significant infrastructural and socio-economic disparities persisted. Internet penetration, while high at 74.7%, is geographically and economically uneven, with mobile connectivity being the principal but often limited enabler for many (DataReportal, 2024; Stats SA, 2023).

A substantial urban-rural usage gap of 18 percentage points in mobile internet adoption highlights that meaningful participation in the digital economy remains out of reach for many low-income and rural households (GSMA, 2024). This digital divide, encompassing issues of affordability, connectivity, and digital literacy, continues to exclude large segments of the population, ensuring that the post-COVID digital acceleration was an uneven experience (Goga & Mondliwa, 2021; Mwansa, Ngandu & Mkwambi, 2025).

Beyond infrastructure, the pandemic illuminated how cultural values critically mediate digital consumer behaviour. In collective societies, which are prominent in many South African ethnic groups, purchasing decisions are heavily influenced by community validation and social networks (Shim, 2025). This collectivist orientation profoundly impacts responses to digital marketing strategies. For instance, electronic word-of-mouth (eWOM) and influencer marketing hold greater sway among collectivist consumers, who rely on community feedback and endorsements to mitigate perceived risk and build trust

(Kusawat & Teerakapibal, 2023; Chigada & Madzinga, 2022). The failure of digital campaigns that overlook these nuances—such as using exclusively English content for isiXhosa-speaking audiences or neglecting to leverage community trust networks—demonstrates the commercial cost of cultural misalignment (Mbeki, 2023; Nkosi & Jacobs, 2024).

Language remains a particularly significant cultural barrier to engagement. Platforms that do not offer content in local vernaculars face decreased user engagement and trust, as language is intrinsically linked to cultural identity and comfort (Pillay & Struweg, 2023). This is especially critical in South Africa's multilingual environment, with its eleven official languages and distinct ethnic identities shaping communication preferences and trust formation differently across demographic segments (Heyns & Kilbourn, 2022; Stats SA, 2022).

Furthermore, digital trust, a cornerstone of online commerce, is culturally constructed. It is influenced not only by platform usability, payment security, and transparent data policies (Sohaib & Kang, 2016) but also by culturally grounded social dynamics. In South Africa, high levels of concern over cyber fraud and data misuse (PwC, 2024) are compounded for consumers from historically marginalised communities, for whom trust is often built through relational networks rather than impersonal platform features (Chigada & Madzinga, 2022). Consequently, user experience (UX) design that reflects cultural preferences—through localised visuals, language options, and familiar payment methods—is essential for fostering trust and reducing cart abandonment (Schutte & Chauke, 2022).

The post-COVID landscape in South Africa thus presents a contradiction: while reports indicate growing acceptance of online shopping (Pillay & Struweg, 2023), others highlight persistent barriers linked to both infrastructure and socio-cultural mistrust (Schutte & Chauke, 2022). This points to a critical need for research that moves beyond aggregate national data to disaggregate consumer segments and understand the specific interplay between cultural values, digital access, and trust at a granular level. The pandemic has irrevocably shifted the retail landscape, but its legacy is a dual one: it accelerated digital adoption for a segment of the population while simultaneously exposing and potentially exacerbating the digital and cultural fault lines that prevent inclusive participation in the e-commerce economy (Mhlanga, 2021; Goga & Mondliwa, 2021).

2.2 Theoretical Foundations of Digital Trust and User Experience

In the post-pandemic digital economy, the success of e-commerce platforms hinges on two critically intertwined concepts: Digital Trust and User Experience (UX). While technological advancement and infrastructure provide the foundation for online commerce, it is the perceived trustworthiness and usability of a platform that ultimately determine consumer adoption, engagement, and loyalty. This is especially pertinent in a context like South Africa, where historical inequalities and diverse cultural norms shape consumer perceptions of risk and safety online. This literature review explores the central role of digital trust, defines its key components, and examines how UX design serves as a primary mechanism for building and maintaining this trust. It argues that in the South African market, a culturally insensitive UX is not merely a design failure but a critical trust-breaking event that perpetuates digital exclusion.

2.2.1 The Paramount Importance of Digital Trust

Digital trust is the confident belief by consumers that an online platform is reliable, safe, and will act with integrity to protect their interests and fulfil its promises (Gefen, Karahanna & Straub, 2003). It is the bedrock upon which all online transactions are built, as consumers must feel secure in sharing personal data and financial information without physical assurance. In the e-commerce customer journey, trust mitigates perceived risk—the consumer's uncertainty about the potential negative consequences of an online purchase (Sohaib & Kang, 2016).

Post-COVID-19, the urgency to shop online accelerated dramatically, but this did not automatically equate to widespread trust. In South Africa, concerns over cyber fraud, payment security, and the misuse of personal data remain significantly high, acting as a major brake on the sector's growth despite improvements in digital infrastructure (PwC, 2024; Goga & Mondliwa, 2021). For many South African consumers, particularly those new to digital channels or from historically marginalised communities, the perceived risk of online transactions can outweigh the perceived benefits of convenience and price, leading to cart abandonment and market withdrawal (Schutte & Chauke, 2022).

The literature identifies three core pillars underpinning digital trust in e-commerce:

- **Security:** The belief that the platform has robust measures to protect financial data and prevent fraud.

- Privacy: The confidence that personal information will be collected, used, and stored responsibly and transparently.
- Reliability: The expectation that the platform will deliver on its promises regarding product quality, accurate descriptions, and on-time delivery.

2.2.2 User Experience as a Trust-Building Mechanism

User Experience (UX) design is far more than aesthetics and functionality; it is a primary communication channel for establishing trust. Every element of a user's interaction with a platform—from the initial landing page to the final confirmation email—sends signals that either build confidence or trigger suspicion. As Sohaib & Kang (2016, p. 23) note, platform usability is a direct antecedent to trust. A poorly designed interface increases cognitive load and frustration, which in turn heightens perceived risk and erodes trust.

Effective, trust-building UX design incorporates several key elements:

- **Intuitive Navigation and Usability:** A seamless, easy-to-use interface that allows users to find products and complete purchases without confusion directly signals competence and reliability (Davis, 1989). Perceived ease of use, a core construct of the Technology Acceptance Model (TAM), reduces the effort required to shop, thereby lowering a barrier to transaction completion.
- **Transparency and Communication:** Clear information about pricing (including all fees), shipping costs, return policies, and contact details reduces uncertainty. Providing order tracking and proactive communication about order status fosters a sense of control and reliability.
- **Professional Presentation:** A polished, professional-looking design with high-quality images and error-free text conveys legitimacy and professionalism, signalling that the platform is a serious commercial entity.
- **Social Proof and Testimonials:** Incorporating elements like customer reviews, ratings, and trust badges from recognised security firms (e.g., Norton, SSL certificates) leverages the power of community validation to assure new users of the platform's credibility (Chu & Kim, 2011).

2.2.3 The South African Context: Security, Data, and Cultural Nuance

The South African context adds layers of complexity to the trust-UX dynamic. As noted by PwC (2024), concerns over cybercrime are prevalent. Therefore, UX must actively and

visibly address security concerns. This includes secure and familiar payment gateways (e.g., Peach Payments, PayFast), clear display of security certifications, and reassurances about data protection compliance with laws like the Protection of Personal Information Act (POPIA).

Furthermore, UX cannot be divorced from cultural context. A user's experience is deeply mediated by their cultural background, language, and values. As Pillay & Struweg (2023, p. 8) assert, "platforms not offering vernacular options face decreased engagement." For a significant portion of South African consumers, interacting with a website exclusively in English can create an immediate barrier, fostering feelings of exclusion and mistrust. The platform feels foreign and not designed for them.

A culturally tailored UX that resonates with local norms is a powerful trust driver. This includes:

- **Linguistic Localisation:** Offering content in multiple South African languages.
- **Culturally Resonant Imagery:** Using visuals and models that reflect the diversity of the South African population.
- **Localised Trust Signals:** Featuring endorsements or payment methods that are familiar and trusted within specific communities (e.g., cash-on-delivery options in areas with lower banking penetration).
- **Community-Centric Design:** For collectivist cultures, designing UX elements that highlight community endorsements, group deals, or social sharing features can align with cultural values and build trust through social validation (Kusawat & Teerakapibal, 2023; Chigada & Madzinga, 2022).

A failure to incorporate these nuances can alienate consumers. Schutte & Chauke (2022, p. 11) emphasize that UX design which reflects cultural preferences "fosters greater trust and reduces cart abandonment." Conversely, a generic, globalised UX can be perceived as impersonal and untrustworthy, failing to bridge the trust gap for many South African consumers.

2.2.4 The Inseparable Link

The literature clearly demonstrates that Digital Trust and User Experience are inextricably linked in the South African e-commerce environment. Trust is not built through marketing claims alone but is earned through every micro-interaction a user has with a platform. A

seamless, secure, and culturally sensitive user experience is the most effective tool for mitigating perceived risk, demonstrating competence, and building the confidence required for consumers to transition from browsing to purchasing.

Future research, such as the proposed study, must therefore continue to investigate this relationship empirically, quantifying how specific UX interventions impact trust metrics across different cultural and demographic segments in South Africa. For businesses, the imperative is clear: investing in a sophisticated, locally adapted UX is not an IT cost but a fundamental investment in building the digital trust required for sustainable growth in a complex and diverse market.

2.2.5 Cultural Dimensions Influencing Online Behaviour

The rapid growth of e-commerce in South Africa post-COVID-19 has brought to the forefront two critical interconnected concepts: digital trust and user experience (UX). While digital infrastructure enables online transactions, it is the perception of trustworthiness and the quality of user experience that ultimately determine consumer engagement, conversion rates, and loyalty. This literature review examines the fundamental role of digital trust in South African e-commerce, explores its relationship with UX design, and analyzes how cultural factors and infrastructure challenges unique to the South African context shape this dynamic.

2.2.6 The Concept of Digital Trust in E-Commerce

Digital trust represents a consumer's confidence in an online platform's reliability, security, and integrity to protect their interests and fulfil promises (Gefen, Karahanna & Straub, 2003). In the e-commerce context, trust functions as a crucial risk mitigation mechanism, reducing consumer uncertainty about potential negative outcomes of online transactions (Sohaib & Kang, 2016). The significance of digital trust is particularly pronounced in emerging markets like South Africa, where concerns over cyber fraud, data privacy, and transaction security remain substantial barriers to e-commerce adoption (PwC, 2024; Goga & Mondliwa, 2021).

Research indicates that digital trust in online environments comprises three essential dimensions: security perception (belief in protective measures against fraud), privacy assurance (confidence in responsible data handling), and reliability (expectation of promise fulfilment) (Flavián, Guinalíu & Gurrea, 2006). These dimensions become particularly significant in the South African context, where historical inequalities and

varying levels of digital literacy influence how different consumer segments perceive and evaluate trust signals (Schutte & Chauke, 2022).

2.2.7 User Experience as a Trust-Building Mechanism

User experience design serves as a primary vehicle for establishing and maintaining digital trust. Every aspect of the user interface communicates trust signals, either reinforcing confidence or triggering scepticism (Corritore, Kracher & Wiedenbeck, 2003). The Technology Acceptance Model (TAM) emphasizes that perceived ease of use significantly influences technology adoption (Davis, 1989), and this relationship extends to trust-building in digital platforms.

Effective trust-building UX design incorporates several critical elements:

- **Intuitive Navigation and Usability:** Seamless interfaces that minimize cognitive load and frustration signal competence and reliability (Nielsen, 2012)
- **Transparency and Communication:** Clear information about pricing, policies, and processes reduces uncertainty and builds confidence (Hassenzahl & Tractinsky, 2006)
- **Professional Presentation:** Polished design aesthetics and error-free content convey legitimacy and professionalism (Tractinsky, 2018)
- **Social Proof Integration:** Customer reviews, ratings, and trust badges leverage social validation to enhance credibility (Chu & Kim, 2011)

In the South African context, these elements must be adapted to address specific local concerns about payment security and data privacy, which remain significant barriers to e-commerce adoption (PwC, 2024).

2.2.8 The South African Context: Unique Challenges and Considerations

The South African e-commerce landscape presents unique challenges for digital trust and UX design. Infrastructure limitations, particularly the reliance on mobile internet (72.6% of households according to Stats SA, 2023) and limited fixed-line penetration (14.5%), create technical constraints that impact UX design possibilities and trust-building opportunities (Goga & Mondliwa, 2021). These limitations necessitate mobile-first design approaches that account for variable connectivity speeds and data cost considerations.

Cultural factors significantly influence trust perceptions and UX effectiveness. Research shows that platforms failing to offer vernacular options experience decreased engagement (Pillay & Struweg, 2023), while designs that incorporate culturally relevant trust signals (such as community endorsements and local payment methods) demonstrate higher conversion rates in specific consumer segments (Chigada & Madzinga, 2022). The collectivist nature of many South African communities means that social proof and community validation often carry more weight than institutional trust signals (Kusawat & Teerakapibal, 2023).

Security concerns remain particularly acute in the South African context. The high prevalence of cyber fraud concerns (PwC, 2024) necessitates robust and visible security measures, including familiar payment gateways, clear security certifications, and unambiguous privacy policies compliant with the Protection of Personal Information Act (POPIA).

2.2.9 Interrelationship Between Digital Trust and User Experience

The relationship between digital trust and UX is symbiotic and iterative. Positive user experiences build trust through consistent, reliable interactions, while established trust enhances the perception of UX quality (Lee & Turban, 2001). This relationship manifests in several critical ways:

First, usability issues directly impact trust perceptions. Complex navigation, confusing processes, or technical errors immediately undermine perceived competence and reliability (Flavián, Guinalíu & Gurrea, 2006). Second, design consistency across touchpoints reinforces trust by creating predictable, reliable interaction patterns (Nielsen, 2012). Third, transparent communication about security measures and data handling practices reduces perceived risk and builds confidence (Hassenzahl & Tractinsky, 2006).

In the South African context, this interrelationship is further complicated by varying levels of digital literacy and different cultural interpretations of trust signals. Designs that work effectively for urban, digitally literate consumers may fail completely for rural users or those with limited digital experience (Schutte & Chauke, 2022).

2.2.10 Research Implications

The literature clearly establishes digital trust and user experience as critical, interconnected factors in South African e-commerce success. The unique combination of

infrastructure challenges, cultural diversity, and security concerns creates a complex environment where standardized global UX approaches often fail, and trust-building requires careful cultural adaptation.

Future research should focus on quantifying the specific impact of culturally adapted UX elements on trust metrics across different South African consumer segments. Additionally, more investigation is needed into how mobile-specific UX designs can better address the trust concerns of users limited to mobile internet access. For practitioners, the imperative is clear: investing in culturally intelligent, security-transparent UX design is not merely a technical consideration but a fundamental requirement for building the digital trust necessary for sustainable e-commerce growth in the South African market.

2.3 The Interplay of Cultural Dimensions and Digital Behaviour

This section synthesizes the literature to demonstrate how Hofstede's cultural dimensions directly moderate the core relationships of digital trust and technology acceptance.

2.3.1 Collectivism, Social Proof, and Electronic Word-of-Mouth

The collectivist nature of many South African communities fundamentally shapes trust-building. While digital trust often relies on security badges and institutional guarantees (Gefen et al., 2003), collectivist consumers place greater emphasis on social validation (Kusawat & Teerakapibal, 2023). This explains the potent influence of (eWOM) and customer reviews, which serve as digital proxies for community endorsement. Consequently, a platform's perceived trustworthiness is less about its technical security and more about its social credibility within the in-group. This contrasts with individualist perspectives, where personal assessment of features may dominate.

2.3.2 Uncertainty Avoidance, Risk Perception, and the Need for Clarity

High Uncertainty Avoidance, prevalent in many cultural groups in South Africa, acts as a significant barrier that amplifies perceived risk. The inherent ambiguities of online shopping—product quality, delivery timelines, data security are a source of anxiety (Sohaib & Kang, 2016). Therefore, UX design elements that reduce ambiguity are not mere conveniences but critical trust-building tools. Clear return policies, detailed product information, and secure payment gateways are essential to alleviate the anxieties rooted in this cultural dimension. This suggests that the relationship between Perceived Ease of Use and trust is particularly strong in high uncertainty avoidance contexts.

2.3.3 Power Distance: A Dualistic Influence on Trust

The role of Power Distance presents a more complex picture. On one hand, high power distance can lead to greater trust in platforms endorsed by well-known authorities or experts, as hierarchical validation is accepted (Singh & Baack, 2004). On the other hand, this does not equate to blind acceptance. The modern South African consumer also demands transparency and fairness, as seen in the rejection of opaque pricing structures. This creates a dual dynamic: deference to authority for initial credibility, coupled with an expectation for equitable treatment, challenging a simplistic negative relationship between power distance and trust.

2.3.4 Language and Cultural Relevance as UX Imperatives

Finally, language and cultural representation are not superficial additions but core components of usability and trust. A platform available only in English creates an immediate cognitive barrier, reducing Perceived Ease of Use for non-native speakers (Pillay & Struweg, 2023). Similarly, imagery and messaging that reflect local cultural contexts make the platform feel more familiar and trustworthy. A failure to localise is, in effect, a failure in fundamental UX design for a significant portion of the market.

2.4 Gaps in Literature

The rapid digital transformation of consumer behaviour in post-COVID-19 South Africa has exposed significant limitations in existing e-commerce literature. While substantial research has documented the growth of online retail and general consumer trends, critical gaps remain in understanding the complex interplay between cultural factors, digital infrastructure, and consumer trust within this unique market context. This literature review identifies and analyses these research gaps, highlighting the limitations of current approaches and outlining the necessary directions for future scholarly inquiry. The identification of these gaps is crucial for developing a more nuanced understanding of South African digital consumer behaviour and for informing effective business strategies and policy interventions.

2.4.1 Methodological Gaps in Current Research

One prominent argument centres on the temporal limitations of current research. Scholars such as Chigada and Madzinga (2022) contend that the field's overreliance on cross-sectional studies offers only static snapshots of consumer behaviour. They assert this approach is inadequate for tracking the evolution of digital adoption and cultural influences

in a rapidly transforming market like South Africa. From this perspective, the absence of longitudinal designs is a critical gap, limiting understanding of enduring behavioural shifts, such as those induced by the pandemic, and the process of digital acculturation.

This study contributes to this discourse by adopting a dedicated cross-sectional design. While acknowledging the critiques regarding temporal limitations (Chigada & Madzinga, 2022), this research posits that a rigorous, contemporary baseline analysis remains an essential scholarly undertaking. Before the dynamics of change can be reliably tracked, the current state and interrelationships between key variables—such as cultural dimensions, trust, and e-commerce adoption—must be definitively established. Therefore, this study seeks to address a precise gap: the lack of a robust, snapshot benchmark at a pivotal moment in the market's development, thereby creating an indispensable foundation for future longitudinal and mixed-methods research as advocated in the literature.

Methodological shortcoming involves sampling techniques. Many studies rely disproportionately on urban, middle-class, and digitally literate participants, resulting in what Saunders, Lewis and Thornhill (2019) term "digital sampling bias." This approach systematically excludes rural communities, low-income populations, and digitally marginalized groups, creating an incomplete picture of the South African e-commerce landscape. The lack of representative sampling across geographic, economic, and cultural segments significantly limits the generalizability of existing findings.

2.4.2 Theoretical and Conceptual Gaps

The theoretical frameworks employed in existing South African e-commerce research reveal significant conceptual limitations. While international models like the Technology Acceptance Model (TAM) and Hofstede's cultural dimensions are frequently applied, they often undergo insufficient adaptation to the local context (Pillay & Struweg, 2023). This results in what Kotabe and Helsen (2022) describe as "theoretical imperialism," where Northern theories are imposed on Southern contexts without adequate consideration of local specificities.

A critical theoretical gap exists in the lack of integrated frameworks that simultaneously account for cultural values, digital capabilities, and trust mechanisms. Most studies examine these factors in isolation, failing to capture their synergistic effects (Heyns & Kilbourn, 2022). For instance, research might explore cultural influences on consumer

behaviour or digital infrastructure limitations separately but rarely investigates how these elements interact to shape unique consumption patterns in the South African context.

The conceptualization of "digital trust" itself requires further refinement for the South African market. Existing literature tends to apply universal definitions of trust without considering culturally specific trust-building mechanisms that may be particular to South African consumer segments (Kusawat & Teerakapibal, 2023). Similarly, the concept of "user experience" is often understood through Western design paradigms, neglecting indigenous aesthetic preferences and interaction patterns that might be more effective in local contexts.

2.4.3 Contextual and Temporal Gaps

The temporal dimension of South African e-commerce research presents another significant gap. While numerous studies document the immediate impacts of COVID-19 on digital adoption, there is a notable absence of research comparing pre- and post-pandemic consumer behaviours across different cultural groups (Mhlanga, 2021). This gap limits our understanding of whether observed changes represent permanent behavioural shifts or temporary adaptations to extraordinary circumstances.

The contextual application of research findings also reveals substantial limitations. Studies conducted in major urban centres like Johannesburg and Cape Town are often presented as representative of "South African" consumer behaviour, despite the country's enormous regional diversity (Schutte & Chauke, 2022). This urban bias in research ignores the unique challenges and opportunities presented by township and rural economies, where different cultural norms and infrastructure constraints may create substantially different consumer behaviours.

Furthermore, there is insufficient research on how platform-level adaptations specifically tailored for the South African market influence consumer trust and engagement. While international platforms receive significant research attention, locally developed solutions and their unique approaches to addressing South African challenges remain understudied (Pillay & Naidoo, 2023). This gap prevents the development of contextually appropriate business models and policy frameworks.

2.4.4 Demographic and Cultural Segmentation Gaps

Current research demonstrates inadequate attention to demographic and cultural segmentation within the South African market. Studies tend to treat "South African consumers" as a homogeneous group, overlooking the profound influences of language, ethnicity, income level, and digital literacy on consumer behaviour (Stats SA, 2022). This oversimplification masks important variations in how different consumer segments perceive risk, build trust, and engage with digital platforms.

The intersection of cultural values with digital consumer behaviour represents a particularly under-researched area. While some studies acknowledge the importance of cultural factors, few provide empirical evidence of how specific cultural dimensions (such as collectivism, uncertainty avoidance, or power distance) manifest in online shopping behaviours across different South African demographic groups (Nguyen, Brown & McCarthy, 2022). This gap limits the ability of businesses to develop culturally intelligent marketing strategies and platform designs.

Additionally, there is insufficient research on how generational differences influence digital consumption patterns in South Africa. The distinct experiences, technological socialization, and cultural values of different age cohorts likely produce substantially different approaches to online shopping, but this area remains largely unexplored in systematic ways (Mhlanga & Moloi, 2022).

2.4.5 Practical and Policy-Relevant Knowledge Gaps

The translation of research findings into practical business strategies and policy interventions reveals another significant gap. While academic studies identify various challenges and trends, they often fail to provide actionable insights for practitioners (Kusawat & Teerakapibal, 2023). This theory-practice divide limits the real-world impact of academic research and represents a missed opportunity for meaningful contribution to South Africa's digital economy development.

There is also a notable gap in research that specifically addresses the implications of the National Development Plan (NDP) 2030 for e-commerce development. While the NDP emphasizes digital inclusion and economic transformation, few studies explore how e-commerce can specifically contribute to these goals or what policy interventions might be most effective in promoting inclusive digital participation (South African Government, 2012).

Furthermore, research on measurement and evaluation frameworks for assessing digital inclusion in e-commerce remains underdeveloped. Without robust metrics for tracking progress and identifying barriers, policymakers and businesses struggle to develop evidence-based strategies for expanding digital participation across all segments of South African society (Goga & Mondliwa, 2021).

2.4.6 Research Imperatives

The identified gaps in South African e-commerce literature highlight the need for more sophisticated, contextually grounded research approaches. Future studies should prioritize integrated methodological frameworks that combine quantitative breadth with qualitative depth, while ensuring representative sampling across diverse demographic segments. The development of locally relevant theoretical models that account for South Africa's unique cultural and infrastructural context is essential for advancing understanding beyond the limitations of imported frameworks.

There is a particular need for research that examines the intersectional effects of cultural values, digital access, and trust mechanisms across different consumer segments. Such research should employ longitudinal designs to track evolving behaviours and focus on generating practical insights for businesses and policymakers. By addressing these gaps, future research can make meaningful contributions to both academic knowledge and the development of a more inclusive, culturally responsive digital economy in South Africa.

2.5 The Technology Acceptance Model in a Cross-Cultural Context

The Technology Acceptance Model (TAM) provides a foundational framework for understanding technology adoption through Perceived Usefulness (PU) and Perceived Ease of Use (PEOU) (Davis, 1989). However, its application in the South African context requires critical contextualization. The model's constructs, developed in individualistic and technologically saturated environments, may not fully capture the mediating role of cultural and economic factors.

For instance, the "usefulness" of an e-commerce platform is mentally offset by the "usefulness" of conserving limited data budgets for low-income consumers (Mwansa et al., 2025). Similarly, "ease of use" is contingent on linguistic comprehension and cultural familiarity, not just interface design. Therefore, this study posits that the direct effects of PU and PEOU on behavioural intention are mediated by culturally rooted trust and

moderated by socio-economic constraints. This integrated approach moves beyond TAM's technologically deterministic view to one that is socio-culturally nuanced

In summary, the extant literature unequivocally establishes that the South African e-commerce landscape post-COVID-19 is a terrain of both rapid growth and profound complexity (Worldwide Worx, 2024; Mhlanga, 2021). While digital adoption has accelerated, its trajectory is uneven, shaped by a persistent digital divide and the nation's rich cultural diversity (Goga & Mondliwa, 2021; Stats SA, 2023). The review has highlighted that cultural dimensions particularly collectivism, uncertainty avoidance, and the nuanced role of power distance fundamentally influence how consumers perceive risk, build trust, and engage with digital platforms (Kusawat & Teerakapibal, 2023; Sohaib & Kang, 2016; Yoo et al., 2011). Concurrently, the utilitarian drivers of the Technology Acceptance Model, while relevant, are insufficient in isolation; their impact is mediated by culturally constructed perceptions of trust and risk (Gefen et al., 2003; Pavlou, 2003). Critical gaps remain, however, in empirically testing the *interdependent effects* of these cultural and technological variables within an integrated framework (Heyns & Kilbourn, 2022; Pillay & Struweg, 2023). The scarcity of such integrated, quantitative studies in the South African context, coupled with methodological limitations in existing research, underscores the necessity for the present investigation. To address this, the following chapter will present a conceptual model that synthesizes Hofstede's cultural dimensions and the Technology Acceptance Model, positioning digital trust as the central mediating mechanism to comprehensively analyse online purchase intention among South African consumers.

Chapter 3

Research Methodology

3.1 Introduction

This chapter presented the methodological framework that guided the investigation into the relationship between cultural values, digital trust, and online purchase intention among South African consumers. It outlined the research philosophy, approach, and design that were employed to ensure the study achieved its objectives with scientific rigor. The chapter detailed the population and sampling strategy, data collection instruments and procedures, data analysis techniques, and ethical considerations that were implemented. The selected methodology was designed to produce valid, reliable, and generalizable findings that contributed meaningfully to both academic knowledge and practical applications in the South African e-commerce landscape.

3.2 Research Philosophy

The study adopted a positivist research philosophy, which presupposed that reality was objective and external to the researcher, and that knowledge could be acquired through observable and measurable phenomena (Saunders, Lewis & Thornhill, 2019). This paradigm was appropriate as the research aimed to objectively examine causal relationships between defined variables cultural dimensions, technology acceptance factors, trust, and behavioural intention derived from established theories (Neuman, 2014). The positivist approach emphasised measurement, objectivity, and the generalisability of findings, which aligned with the study's goal of producing quantitative data that could be statistically analysed to make inferences about the broader population of South African online shoppers (Creswell & Creswell, 2018).

3.3 Research Approach: Deductive and Quantitative

A deductive quantitative research approach was employed. The deductive approach involved developing hypotheses from existing theory and then designing a research strategy to test them (Bryman, 2016). This process was evident in this study, as assumptions were logically derived from the integrated theoretical framework combining Hofstede's cultural dimensions and the Technology Acceptance Model.

A quantitative approach was deemed most suitable for this investigation as it facilitated the systematic collection of numerical data from a substantial sample, enabling the statistical examination of relationships between variables and the generalisation of findings (Creswell, 2014). As Hair et al. (2019, p. 114) affirmed, quantitative methods were particularly effective for measuring behavioural constructs such as perceived risk, trust, and intention using validated scales. This approach ensured objectivity, minimised researcher bias, and supported the use of advanced statistical techniques, including Structural Equation Modelling (SEM), to test the proposed conceptual model comprehensively (Hair, Black, Babin & Anderson, 2014; Kline, 2016).

3.4 Research Design

A cross-sectional survey design was utilised. This design involved collecting data from a sample of the population at a single point in time to examine relationships between variables and capture a snapshot of current attitudes and behaviours (Saunders et al., 2019). This design was highly efficient and appropriate for achieving the research objectives, as it allowed for the gathering of data from a large, geographically dispersed sample of South African online shoppers within a feasible timeframe and budget (Dillman, Smyth & Christian, 2014).

The cross-sectional design was particularly relevant for studying the post-COVID-19 digital landscape, as it aimed to understand the current state of consumer behaviour rather than tracking its evolution over a prolonged period. The use of a structured online questionnaire ensured standardisation of data collection, enhancing the reliability and comparability of responses across diverse demographic segments.

3.5 Population and Sampling

3.5.1 Target Population

The target population for the study comprised all South African residents aged 18 years and above who had engaged in online shopping activities at least once in the past 12 months. This definition encompassed individuals from diverse provinces, language groups, income levels, and cultural backgrounds, reflecting the country's notable heterogeneity (Goldstuck, 2022; Stats SA, 2022).

Due to the data collection method where the survey was distributed via open social media and online platforms rather than a closed invitation list the exact denominator (number of

people who saw or were eligible to respond) is unknown. Thus, a traditional response rate cannot be calculated. Only completions are reported."

3.5.2 Sampling Technique and Sample Size

A stratified random sampling technique was employed to ensure the sample was representative of key demographic strata within the population. This method involved dividing the population into homogeneous subgroups (strata) and then selecting a random sample from each stratum (Creswell, 2014). The strata for this study were based on:

- Province (Gauteng, Western Cape, KwaZulu-Natal, etc.)
- Age group (18-25, 26-35, 36-50, 51+)
- Income level (Low, Middle, High)

The sample size was set at $n=400$. This was justified by a power analysis for Covariance-Based Structural Equation Modelling (CB-SEM). Hair et al. (2019, p.) recommended a sample size of 10-20 cases per estimated parameter. With the anticipated model containing approximately 30-40 parameters, a sample of 400 provided sufficient statistical power (≥ 0.80) to detect medium effect sizes at a 95% confidence level. This size also allowed for meaningful multi-group analysis across the demographic strata.

3.5.3 Recruitment Strategy

Participants were recruited through digital channels to align with the research context. Strategies included:

- Targeted social media advertising on platforms like Facebook, Instagram, and Twitter
- Distribution through WhatsApp broadcast groups and online community forums
- Utilisation of professional networks and email lists from collaborating academic institutions

Quotas were set for each stratum based on the latest Statistics South Africa census data (Stats SA, 2022) to ensure proportional representation and enhance the generalisability of the findings.

3.6 Data Collection Instrument and Procedure

Primary data were collected using a structured online questionnaire hosted on Microsoft Forms, a secure platform compliant with data protection regulations.

The questionnaire consisted of seven sections:

- Screening Question: To ensure respondents met the criterion of being online shoppers
- Cultural Values: Measured using the 26-item CVSCALE (Yoo, Donthu & Lenartowicz, 2011) to assess individualism/collectivism, power distance, uncertainty avoidance, masculinity, and long-term orientation
- Technology Acceptance: Measured using adapted items from Davis's (1989) TAM scales for Perceived Usefulness (PU) and Perceived Ease of Use (PEOU)
- Digital Trust: Measured using a scale adapted from Gefen, Karahanna & Straub (2003)
- Online Purchase Intention: Measured using a validated behavioural intention scale
- Demographic Information: Capturing age, income, geographic location, language, and ethnicity
- Behavioural Questions: Assessing frequency of online shopping and types of products purchased

All constructs were measured using a 5-point Likert scale (from 1 = Strongly Disagree to 5 = Strongly Agree). The instrument was pre-tested through a pilot study with 30 participants to assess clarity, reliability, and cultural relevance, and was refined accordingly before full deployment.

3.7 Data Analysis

Data were analysed using IBM SPSS Statistics 28 and IBM AMOS 28 software. The analysis proceeded in several stages:

Descriptive Statistics: Frequencies, means, and standard deviations were used to summarise the sample characteristics and study variables (Pallant, 2020)

3.7.1 Reliability and Validity Assessment:

- Internal Consistency Reliability: Was assessed using Cronbach's alpha, with a threshold of > 0.7 considered acceptable (Tavakol & Dennick, 2011)

- **Construct Validity:** Was assessed using Confirmatory Factor Analysis (CFA) in AMOS to verify the convergent and discriminant validity of the measurement model (Hair et al., 2019; Brown, 2015)

Hypothesis Testing: Structural Equation Modelling (SEM) was employed to test the hypothesised relationships in the conceptual model. SEM was ideal for this study as it allowed for the simultaneous testing of multiple relationships between latent variables (Kline, 2016). The mediation effect of trust (H7) was tested using bootstrapping procedures in AMOS

Moderation Analysis: Multi-group analysis (MGA) in SEM was conducted to test how demographic factors (age, income, location) moderated the relationships in the model (Hair et al., 2019)

Data Screening: Prior to analysis, data were screened for missing values, outliers, and violations of statistical assumptions (normality, linearity, multicollinearity). Little's MCAR test determined the pattern of missing data, and multiple imputation was used where appropriate (Enders, 2010)

3.8 Ethical Considerations

The study adhered to the ethical standards in social research:

- **Ethical Approval:** Formal approval was obtained from the North-West University Ethics Committee prior to data collection
- **Informed Consent:** An online consent form detailed the study's purpose, voluntary nature, confidentiality assurances, and the right to withdraw without penalty. Participants explicitly indicated their consent by clicking "I Agree" before proceeding
- **Confidentiality and Anonymity:** No personally identifiable information was collected. Data were anonymised during export and analysis stages and stored on password-protected servers for five years, accessible only to the research team
- **Minimising Harm:** The study posed minimal risk. Support contact details were provided should any questions cause discomfort
- **POPIA Compliance:** All procedures complied with South Africa's Protection of Personal Information Act (POPIA), 2013

Through this rigorous methodological approach, the study generated valuable insights into the complex interplay between cultural values, digital trust, and online consumer behaviour in South Africa, thereby contributing to both theoretical knowledge and practical applications in the field.

Chapter 4

Results and Data Analysis

4.1 Introduction

This chapter presents the analysis and findings of the data collected from 400 South African online shoppers, investigating the combined impact of cultural values and digital trust factors on online purchase intention. Guided by the study's sub-objectives, the analysis is structured to empirically examine the following key relationships:

- The influence of collectivism on online purchase intentions.
- The role of power distance in shaping trust and engagement with e-commerce platforms.
- The effect of uncertainty avoidance on perceived risk and willingness to shop online.
- The impact of perceived usefulness and perceived ease of use on digital engagement and purchasing behaviour.
- The mediating effect of trust in online platforms on the relationship between cultural values and consumer behaviour.
- The influence of influencer marketing and (eWOM) on online shopping decisions across cultural groups.

As outlined in the research methodology (Chapter 3), this quantitative, cross-sectional study utilised a structured online questionnaire. The primary aim of this chapter is to present the results for the hypotheses developed from the integrated theoretical framework, which combines Hofstede's Cultural Dimensions, the Technology Acceptance Model (TAM), and the mediating role of Digital Trust.

The chapter proceeds as follows. First, it describes the data cleaning and preparation processes undertaken to ensure the integrity and quality of the dataset. Second, it provides descriptive statistics of the sample characteristics. Third, it reports on the reliability and validity testing of the measurement scales. Fourth, it presents the inferential statistics, including the results of the Confirmatory Factor Analysis (CFA) and Structural Equation Modelling (SEM), to assess the model's fit and test the hypothesised

relationships. Finally, the chapter concludes with the hypothesis testing outcomes and a preliminary subgroup analysis.

The results presented herein provide the empirical evidence required to address the main research question: How do selected Hofstede cultural dimensions and Technology Acceptance Model factors jointly influence online consumer behaviour among South African shoppers?

4.2 Demographic Information of the participants

As outlined in the introduction to this chapter, the data collection process was guided by a clearly defined sample frame to ensure the relevance of the respondents to the research objectives. Prior to engaging with the core survey sections, participants were required to confirm their eligibility through a screening process integrated into the digital informed consent form.

The sample frame for this study, as defined in Chapter 3, consisted of South African residents aged 18 years and older who have engaged in online shopping at least once in the past 12 months. This was operationalized through the consent form statement: "You are being invited to participate in this research because you are an online shopper in South Africa." Implicit in this invitation and the study's ethical clearance was the requirement for participants to be adults (18 years or older).

Consequently, by proceeding to complete the questionnaire, all 400 participants confirmed their eligibility, fulfilling the dual criteria of being adult online shoppers in South Africa. This process ensured that the collected data originated from individuals within the target population, thereby enhancing the validity of the subsequent findings. The detailed demographic characteristics of this verified sample of 400 online shoppers are presented in the following section.

Table4-1; Sample Frame Verification

Screening Criteria	Response	n	%
South African online Shopper	Implied 'Yes' by proceeding past consent	400	100
Aged 18 years or above	Implied 'Yes' by proceeding past consent	400	100

n= number; %= percentage

Table 4-1 verifies that all 400 participants in the study successfully met the two essential screening criteria. It confirms that the entire dataset consists of South African online shoppers who are 18 years of age or older, thereby validating that the subsequent analysis is based on a sample that perfectly aligns with the study's target population. The "implied yes" indicates that consent to proceed with the survey served as confirmation of these criteria.

4.2.1 Age Group

Figure 4-1; Age Results for First set of 200 Participants

2. Age

[More details](#)



Figure 4-2; Age Results for the Second set of 200 Participants

2. Age



Table 4-2; Combined Age Results of 400 Participants

Criteria	Response	n	%
Age	18-25	89	22,25
	26-35	131	32,75

	36-50	117	29,25
	51+	59	14.75

The analysis reveals that the sample is predominantly composed of younger and middle-aged adults. The largest single cohort is the 26-35 age group, which constitutes 32.75% (n=131) of the sample. This is closely followed by the 36-50 age group at 29.25% (n=117). Together, these two groups, representing individuals in their prime working and earning years, account for nearly two-thirds (62%) of the total sample. This concentration suggests that active e-commerce participation in South Africa is strongest among these digitally literate and economically active segments.

The 18-25 age group, representing younger adults and students, forms a significant portion of the sample at 22.25% (n=89). Their substantial representation indicates a high level of comfort and familiarity with digital platforms among this demographic.

Conversely, respondents aged 51 and above comprise the smallest group at 14.75% (n=59). Their lower representation, while still constituting a meaningful segment for analysis, aligns with broader trends that often show lower rates of technology adoption and online shopping engagement among older populations, potentially due to factors like lower digital literacy or higher perceived risk.

This stratified age distribution is analytically advantageous. It ensures that the data captures a wide spectrum of consumer experiences and attitudes, allowing for robust subgroup and moderation analysis to investigate how the influence of cultural values and digital trust on purchase intention may vary across different generational segments.

4.2.2 Gender

Figure 4-3; Gender Results for the first set of 200 participants

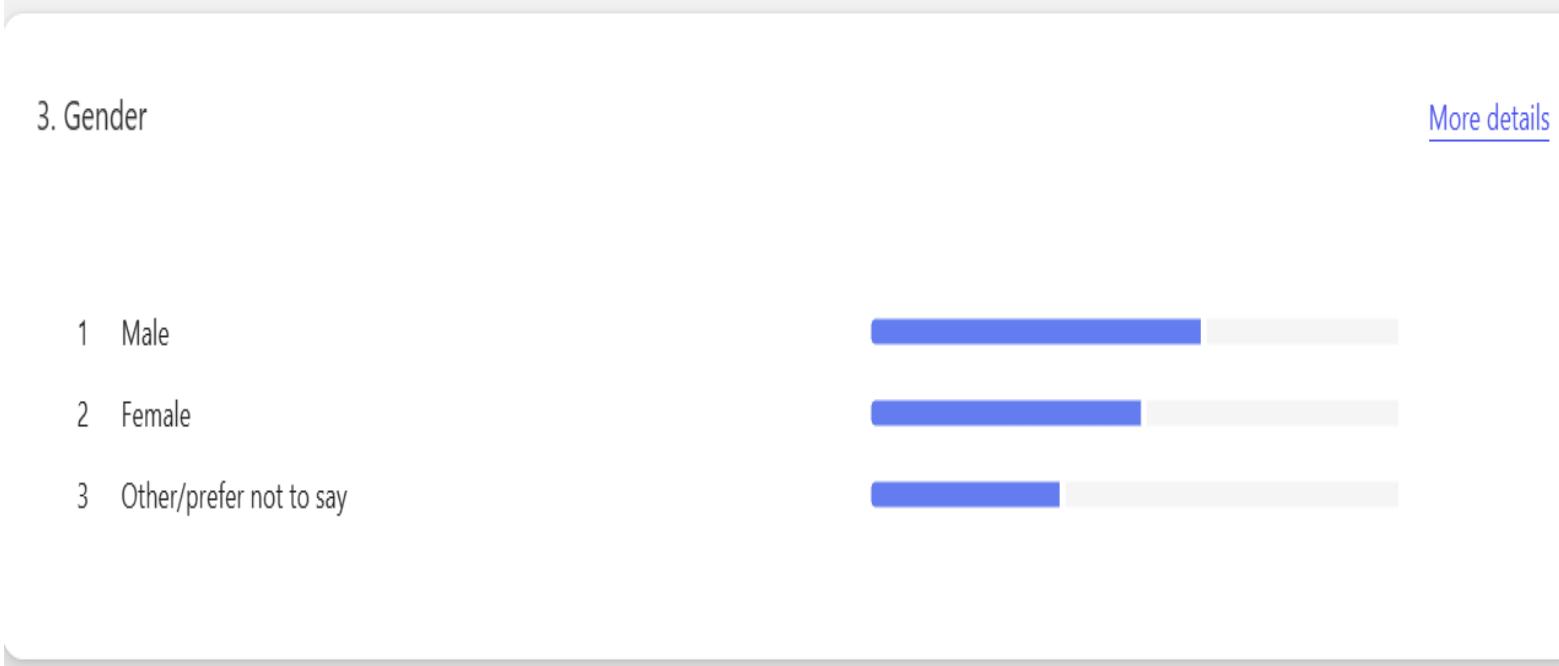


Figure 4-4; Gender Results for the Second set of 200 participants

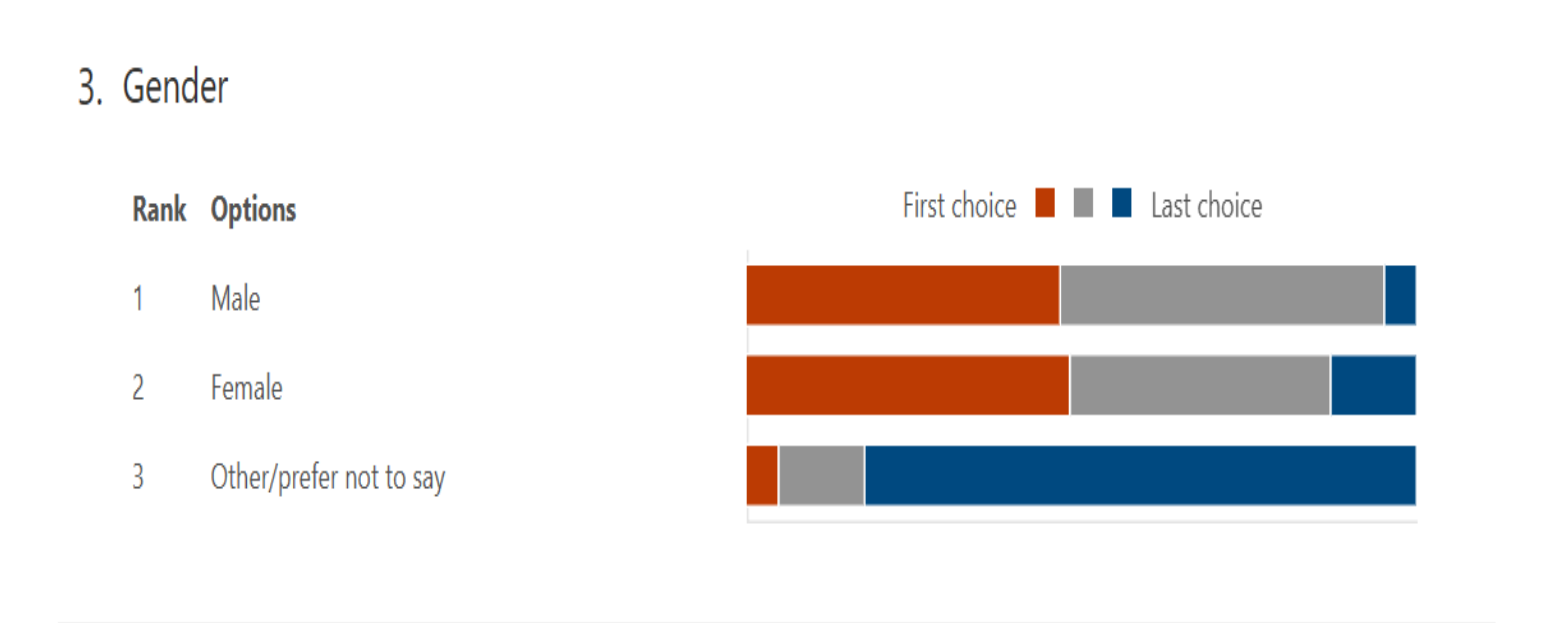


Table 4-3; Gender Results for the Second set of 200 participants

Criteria	Response	n	%
Gender	Male	167	41,75
	Female	138	34,5
	Other/ Prefer not to say	45	11,25
	No Response	50	12,5

Analysis of Table 4-3 shows that male respondents form the plurality of the sample at 41.75% (n=167). Female respondents constitute 34.50% (n=138). Combined, these two groups account for 76.25% of the total sample.

A significant portion of participants selected "Other / Prefer not to say" (11.25%, n=45), which is a considerable figure that underscores the importance of including inclusive response options in demographic data collection. Furthermore, a non-response rate of 12.50% (n=50) was recorded for this question. This level of non-response is not uncommon for personal demographic questions and will be considered a limitation in the generalizability of gender-specific findings.

The demographic profile reveals that the sample is not evenly balanced by gender, with a higher representation of male online shoppers. This distribution may reflect a genuine trend in the South African e-commerce landscape, or it could be an artifact of the digital recruitment channels used. When interpreting the results of this study, particularly in relation to gender-based comparisons, this compositional bias must be taken into account. However, the presence of substantial data across categories still allows for meaningful analysis of the core constructs of cultural values, digital trust, and purchase intention across the entire dataset.

4.2.3 Province of Resident

Figure 4-5; Province of Resident Results for the first set of 200 participants

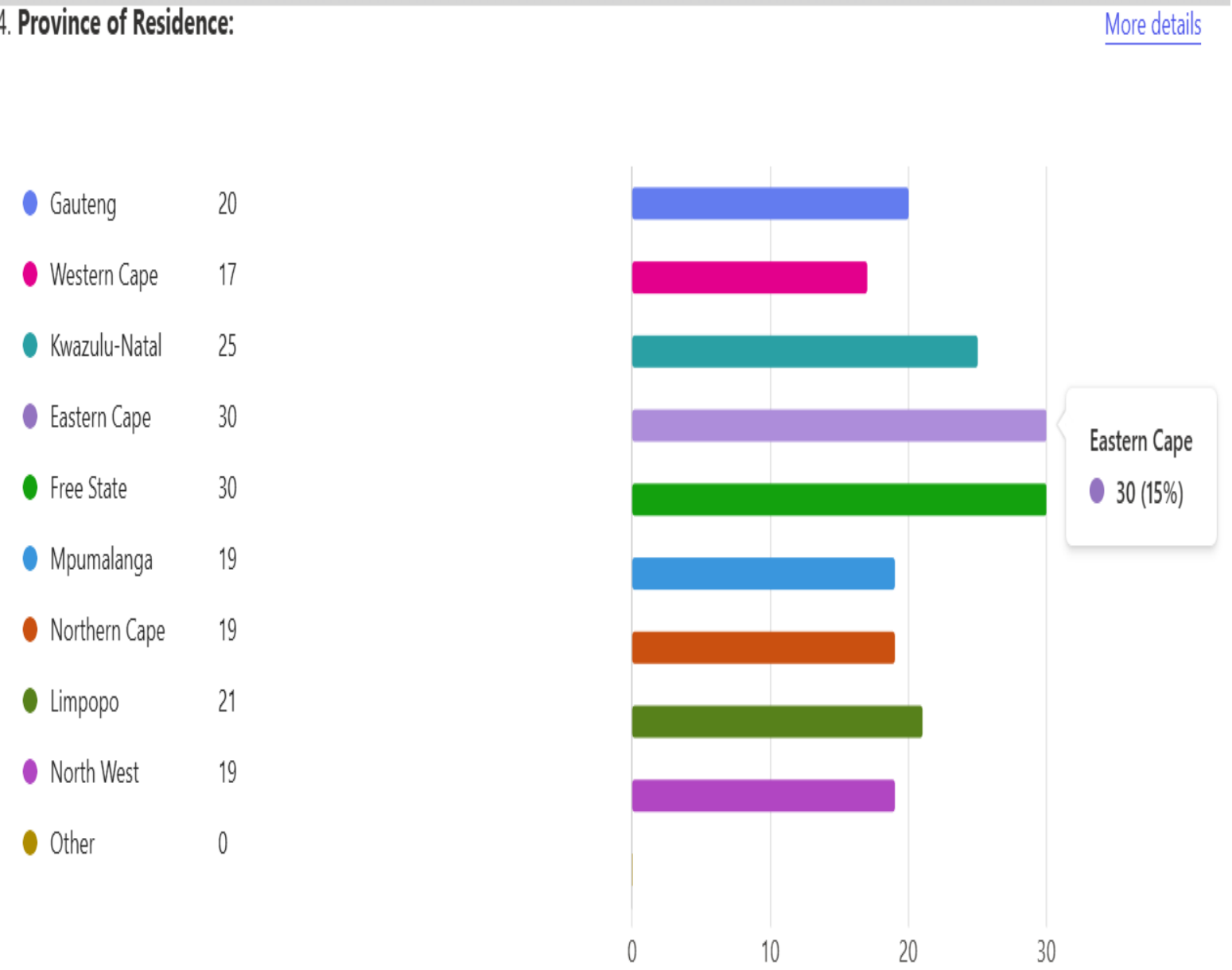


Figure 4-6; Province of Resident Results for the Second set of 200 participants

4. Province of Residence:

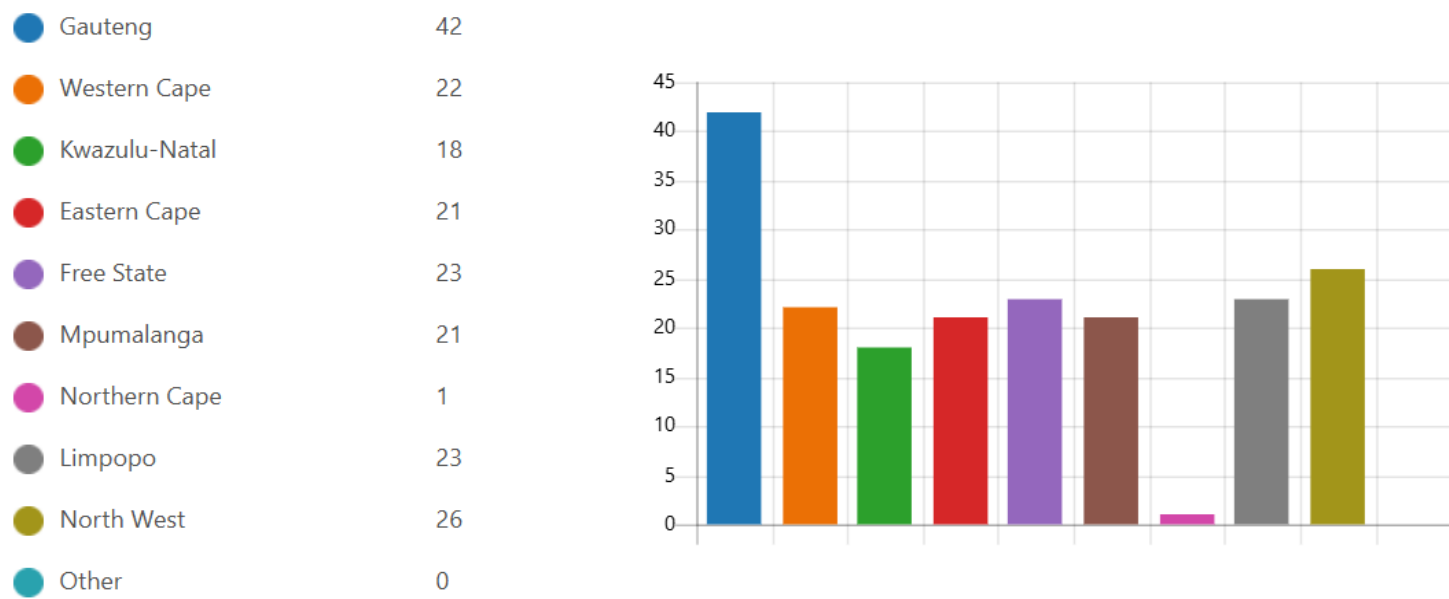


Figure 4-7; Area Type Results for the first set of 200 participants

5. Area Type

[More details](#)

Urban	77
Township	74
Rural	38

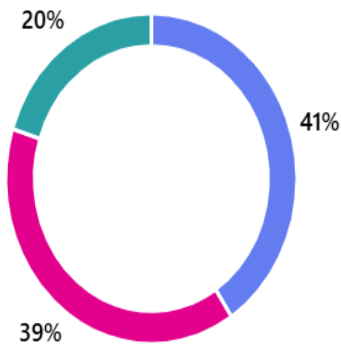


Figure 4-8; Area Type Results for the Second set of 200 participants

5. Area Type



Table 4-4; Province Resident and Area Type Results of 400 Participants

Criteria	Response	n	%
Province of Residence	Gauteng	62	15,5
	Western Cape	39	9,75
	KwaZulu Natal	43	10,75
	Eastern Cape	51	12,75
	Free State	53	13,25
	Mpumalanga	40	10
	Northern Cape	20	5
	Limpopo	44	11
	Northwest	45	11,25
	Other	0	0
	No Response	3	0,75
Area Type	Urban	181	45,25
	Township	114	28,5
	Rural	85	21,25
	No Response	20	5

4.2.3.1 Provincial Analysis

The sample demonstrates a strategically wide provincial reach, with representation from all nine provinces. This is a significant strength, as it moves beyond the typical concentration on major economic hubs like Gauteng (15.5%) and Western Cape (9.75%). Notably, there is substantial representation from provinces often characterized by higher levels of digital exclusion, such as the Eastern Cape (12.75%), Free State (13.25%), and Limpopo (11.00%). The lower representation from the Northern Cape (5.00%) is consistent with its status as the most sparsely populated province. This distribution is vital for fulfilling the research objective to determine how geographic location moderates the effects of cultural and digital factors, allowing for a more nuanced analysis that reflects the country's heterogeneity.

4.2.3.2 Area Type Analysis

The distribution across area types is particularly revealing in the context of South Africa's digital divide. While urban areas constitute the largest segment (45.25%), the combined representation of township (28.50%) and rural (21.25%) areas is substantial, accounting for nearly half (49.75%) of the entire sample.

This is a key finding. The significant participation from township and rural consumers indicates a meaningful level of engagement with e-commerce in these areas, challenging narratives of complete digital exclusion. However, it also sets the stage for critical subgroup analyses. Following the research problem statement, which highlights barriers related to infrastructure and digital literacy in these regions, this sample composition will allow for a robust examination of whether the drivers of online purchase intention—such as perceived ease of use, trust, and cultural relevance differ significantly between urban, township, and rural consumers.

Therefore, the geographical data confirms that the sample adequately captures the diversity of the South African online shopping landscape. This enables the study to address its aim of providing an integrated analysis of how platform-level responses and digital enablers must be tailored to different geographic and infrastructural realities, thereby contributing to more inclusive e-commerce strategies.

4.2.4 Primary Language Spoken at Home

Figure 4-9; Language Results for the first set of 200 participants

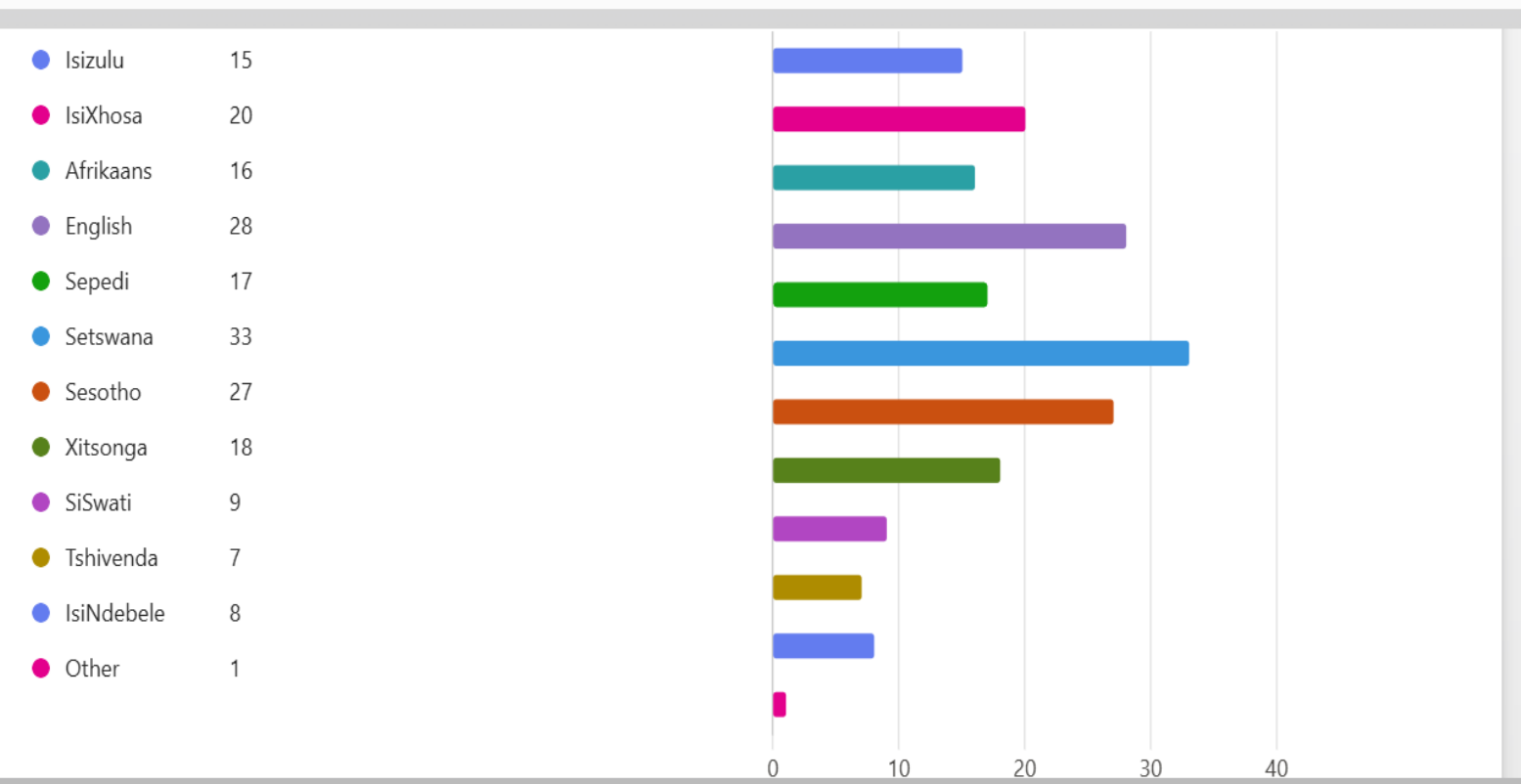


Figure 4-10; Language Results for the second set of 200 participants

6. Primary Language Spoken at Home:

Isizulu	19
IsiXhosa	26
Afrikaans	13
English	47
Sepedi	14
Setswana	29
Sesotho	26
Xitsonga	11
SiSwati	11
Tshivenda	1
IsiNdebele	0
Other	0

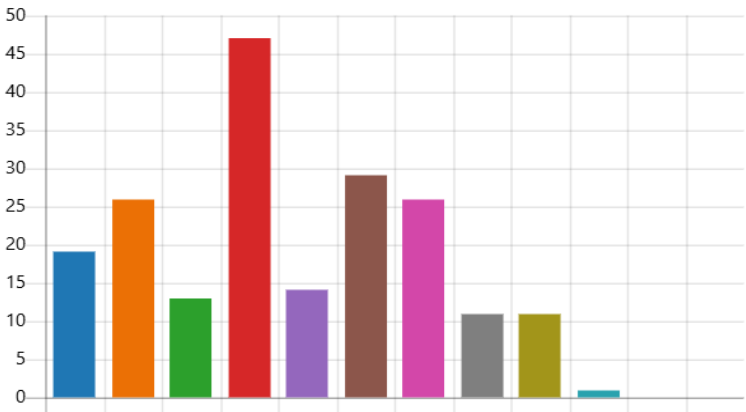


Table 4-5; Language Results for the combined set of 400 participants

Criteria	Response	n	%
Primary Language Spoken at Home	Isizulu	34	8,5
	IsiXhosa	46	11,5
	Afrikaans	29	7,25
	English	75	18,75
	Sepedi	31	7,75
	Setswana	62	15,5
	Sesotho	53	13,25
	Xitsonga	37	9,25
	Siswati	20	5
	Tshivenda	8	2
	Other	0	0
	No Response	5	1,25

The data confirms the sample's reflection of South Africa's multilingual character, with substantial representation across nine of the eleven official languages. English is the most frequently reported primary language at home (18.75%, n=75), which may reflect its established role as a lingua franca in business and digital commerce. However, the collective representation of indigenous African languages is dominant, underscoring the critical importance of cultural and linguistic nuance in the South African e-commerce landscape.

Notably, Setswana (15.50%), Sesotho (13.25%), and isiXhosa (11.50%) together account for 40.25% of the sample, indicating strong participation from specific cultural-linguistic groups. This distribution is analytically significant as it allows for meaningful exploration of the research sub-objective to examine how cultural values (e.g., collectivism, uncertainty avoidance) manifest across different linguistic and ethnic segments.

The presence of all these language groups in the sample provides a robust foundation for testing the problem statement's assertion that "language mismatches and a lack of culturally tailored content contribute to mistrust and hesitancy." For instance, the data will enable an analysis of whether perceived ease of use, digital trust, or reliance on eWOM varies significantly between participants whose primary language is English and those who

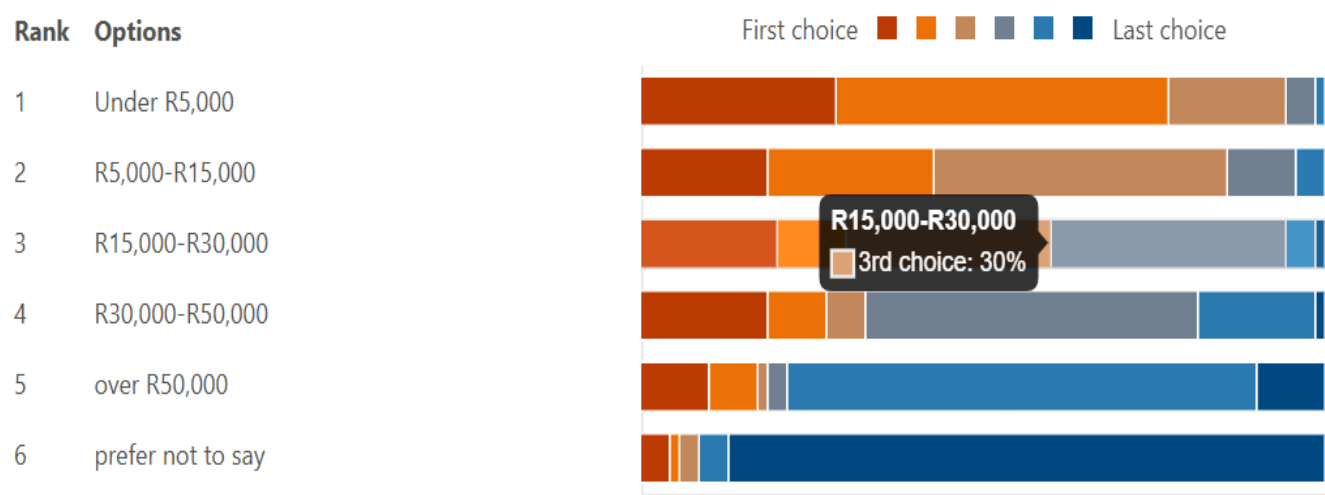
speak other languages at home. This directly addresses the study's rationale, which highlighted the failure of English-only campaigns to engage isiXhosa-speaking consumers.

The linguistic diversity of the sample is a key strength. It ensures that the findings on the interplay between culture, trust, and technology are not Anglocentric but are instead grounded in the complex, multilingual reality of the South African consumer base, thereby enhancing the validity and practical relevance of the study's conclusions.

4.2.5 Monthly Income and Level of Education

Figure 4-11; Income and Education Results for the first set of 200 participants

7. Approximate Monthly Household Income (ZAR):



8. Highest Level of Education:



Figure 4-12; Income Results for the second set of 200 participants

7. Approximate Monthly Household Income (ZAR):

[More details](#)



Figure 4-13; Education Results for the second set of 200 participants

8. Highest Level of Education:

[More details](#)

● Matric/Grade 12 or less	40
● Diploma or Certification	77
● Bachelor's Degree	66
● Postgraduate Degree(Honours, Masters, PhD)	16

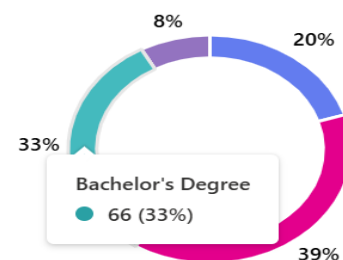


Table 4-6; Education and Monthly Income combined set

Criteria	Response	n	%
Approximate monthly household income	Under R5 000	119	29,75
	R 5 000-R15 000	94	23,5
	R15 000-R30 000	69	17,25
	R30 000-R50 000	57	14,25
	Over R50 000	43	10,75
	Prefer not to say	18	4,5
Highest level of	Matric/Grade12 or Less	91	22,75

education	Diploma or Certificate	130	32,5
	Bachelors Degree	120	30
	Postgraduate Degree(Honour, Masters, PhD	59	14,75

4.2.5.1 Income Profile Analysis:

The income distribution reveals a sample skewed towards lower and middle-income brackets, which is highly representative of the broader South African economic landscape and its associated challenges of data affordability. A significant majority of the sample (53.25%) reported a monthly household income of R15,000 or less, with the largest single cohort earning under R5,000 (29.75%). This is a pivotal finding, as it indicates that a substantial portion of the sampled online shoppers are likely highly price- and data-sensitive. This economic reality directly influences the "digital enablers" discussed in the problem statement, such as data costs, and will be a crucial variable in moderating the relationship between perceived usefulness, perceived risk, and ultimate purchase intention. The representation across income levels allows for a powerful analysis of whether the barriers to e-commerce are more pronounced for lower-income groups, even among those who are already active online.

4.2.5.2 Education Profile Analysis:

The sample is highly educated, with over three-quarters (77.25%) of participants holding a post-matric qualification. Specifically, 32.50% have a Diploma or Certificate, 30.00% hold a Bachelor's degree, and 14.75% have a Postgraduate degree. This high level of educational attainment is a key strength of the sample. Education is often a strong proxy for digital literacy and cognitive ability to navigate complex online platforms. This profile suggests that the participants are likely well-equipped to understand and evaluate online offerings, payment security, and terms of service. Consequently, when analysing constructs like *Perceived Ease of Use* and *Perceived Risk*, the high education level must be considered as a potential enabling factor that may elevate overall comfort with e-commerce. This allows the study to isolate and examine the distinct effects of cultural values and digital trust, even within a generally digitally literate sample.

The socio-economic data paints a picture of a sample that is economically diverse yet educationally advanced. This composition is ideal for conducting the planned moderation analyses, enabling a nuanced exploration of how income constraints and educational capital independently and jointly shape the online shopping journey in South Africa.

4.3 Cultural Values

Building upon the demographic profile of the sample, this section transitions to the analysis of the psychographic variables central to this research: the cultural values of South African online consumers. As articulated in the problem statement, a core contention of this study is that technological adoption cannot be fully understood in isolation from the deep-seated cultural norms that shape perception and behaviour (Pillay & Struweg, 2023; Heyns & Kilbourn, 2022). To this end, the integrated theoretical framework of this study operationalises Hofstede's cultural dimensions—specifically Collectivism, Power Distance, and Uncertainty Avoidance—as key exogenous variables, measured at the individual level using the CVSCALE (Yoo et al., 2011). These dimensions function as the "stimuli" within the broader Stimulus-Organism-Response (S-O-R) model (Mehrabian & Russell, 1974), influencing the internal cognitive and emotional state of the consumer.

This section presents the empirical findings that quantify these cultural orientations among the sampled population. The analysis is structured to address specific research sub-objectives:

- First, it assesses the prevalence of Collectivism values emphasising group harmony, familial influence, and community opinion and provides initial data on its potential role in shaping purchase intentions through social validation and electronic word-of-mouth (eWOM) (Kusawat & Teerakapibal, 2023).
- Second, it investigates the level of Power Distance acceptance, which reflects the degree to which less powerful members of a society expect and accept unequal power distribution. The results will illuminate how respect for authority and institutional hierarchy influences the initial trust granted to e-commerce platforms.
- Third, it examines the dimension of Uncertainty Avoidance, gauging the respondents' tolerance for ambiguity and their need for clarity and structure. This directly informs the study's objective to understand how this cultural trait affects perceived risk and the willingness to engage in the inherent uncertainties of online transactions.

Furthermore, recognising that cultural frameworks are often mediated through language and symbolic content (Pillay & Struweg, 2023:8), this section extends beyond the Hofstede dimensions to include an analysis of Language and Cultural Relevance. This explores respondents' preferences for localised language options and culturally resonant content, a

factor identified as critical for building digital trust and engagement in South Africa's multilingual landscape.

The results presented in the following sub-sections provide the foundational empirical evidence for testing the first three hypotheses of this study (H1-H3), which posit direct influences of these cultural values on digital trust. By quantifying these constructs, this analysis moves from theoretical proposition to measurable reality, establishing the cultural groundwork upon which the subsequent analysis of technology acceptance and consumer response is built.

4.3.1 Collectivism Results

Figure 4-14; Collectivism Results for the first set of 200 participants

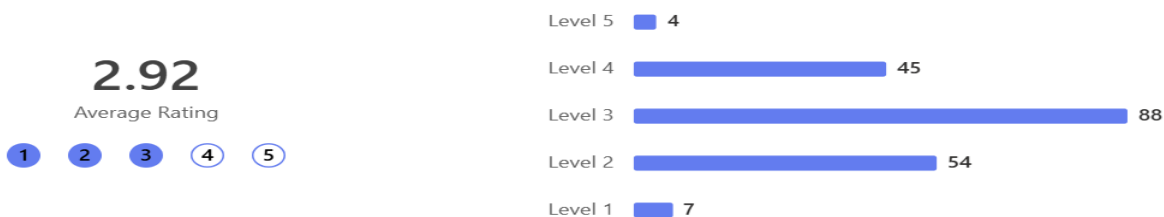
9. I often seek advice from family and friends before buying a product online.

[More details](#)



10. The satisfaction of my family or community is more important than my own personal satisfaction when making a purchase.

[More details](#)



11. I prefer to buy from online brands that are popular within my social circle.

[More details](#)

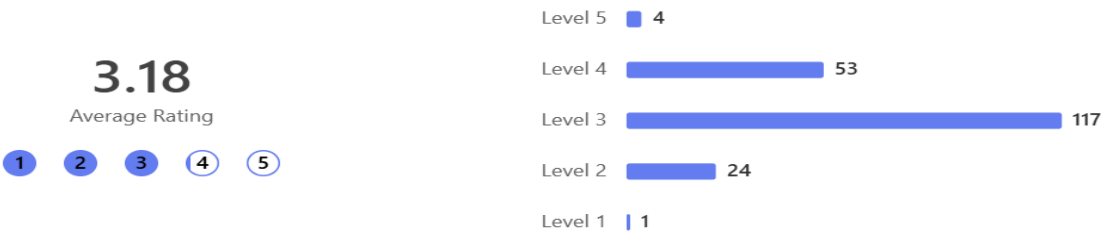


Figure 4-15; Collectivism Results for the second set of 200 participants

9. I often seek advice from family and friends before buying a product online.

197
Responses

2.99
Average Number

10. The satisfaction of my family or community is more important than my own personal satisfaction when making a purchase.

197
Responses

3.03
Average Number

11. I prefer to buy from online brands that are popular within my social circle.

196
Responses

3.24
Average Number

Table 4- 7; Collectivism Results for the combined set.

Criteria	Strongly Disagree		Disagree		Neither Agree nor Disagree		Agree		Strongly Agree		No Response	
	(1)		(2)		(3)		(4)		(5)			
	n	%	n	%	n	%	n	%	n	%	n	%
I often seek advice from family and friends before buying a product online.	26	6,5	86	21,5	161	40,25	98	24,5	26	6,5	3	0,75
The satisfaction of my family or community is more important than my own personal satisfaction when making a purchase	35	8,75	93	23,25	141	35,25	100	25	27	6,75	3	0,75
I prefer to buy from online brands that are popular within my social circle.	15	3,75	55	13,75	184	46	114	28,5	27	6,75	4	1

n=number; %= percentage

The dimension of Collectivism, which emphasises the importance of group harmony, familial ties, and community opinion, was measured through three key survey items. The results, detailed in Table 4-7, reveal a strong undercurrent of collectivist influence on the online shopping behaviour of the South African participants, aligning with the research objective to assess its impact on purchase intentions.

The data indicates a pronounced reliance on social networks in the consumer decision-making process. A combined 71.25% of respondents either agreed, strongly agreed, or were neutral towards the statement, *"I often seek advice from family and friends before buying a product online."* Crucially, the largest single cohort (40.25%) selected a neutral stance, which may suggest a contextual dependency seeking advice for high-involvement purchases but not for routine ones.

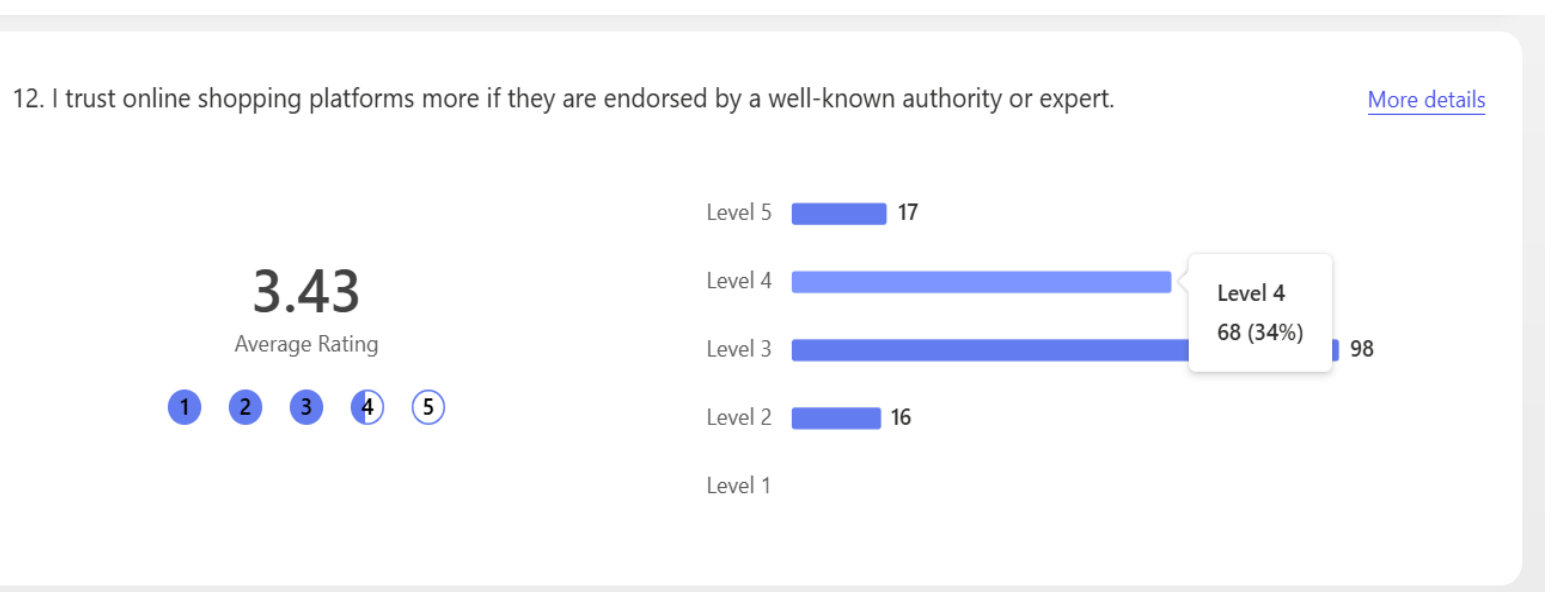
Furthermore, the influence of the collective extends beyond mere advice-seeking to encompass social validation and conformity. A striking 81.25% of participants (combining the Agree, Strongly Agree, and Neutral responses) indicated a preference for online brands that are popular within their social circle. This finding strongly supports the literature suggesting that in collectivist societies, consumers rely heavily on in-group feedback and electronic word-of-mouth (eWOM) as a trust-building and risk-reduction mechanism (Kusawat & Teerakapibal, 2023; Yoo et al., 2011).

The item regarding family or community satisfaction being more important than personal satisfaction also garnered significant agreement and neutrality (a combined 67%), reinforcing the concept of interdependent self-construal common in collectivist cultures. This suggests that the perceived success of an online purchase is not solely an individual evaluation but is also measured by its acceptance and approval within the consumer's broader social unit.

The analysis provides robust initial evidence that collectivist values are a significant factor among the sampled South African online consumers. This collective orientation manifests primarily through a strong tendency to seek social advice and a preference for socially endorsed brands. These findings lay a solid foundation for confirming Hypothesis H1, which posits a positive influence of Collectivism on trust in online platforms, as social proof often serves as a key heuristic for establishing digital trust.

4.3.3 Power Distance Results

Figure 4-16; Power Distance Results for the first set of 200 participants



13. I usually accept the terms and conditions of a website without reading them because they are the experts. [More details](#)



14. It is not necessary for e-commerce companies to explain their pricing decisions to consumers like me. [More details](#)

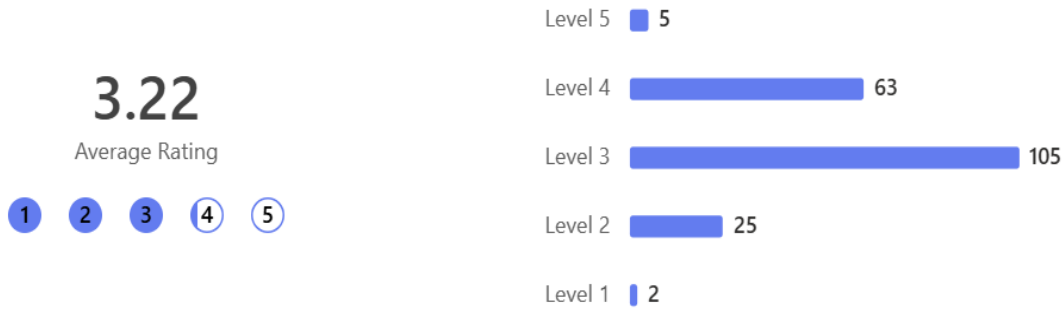
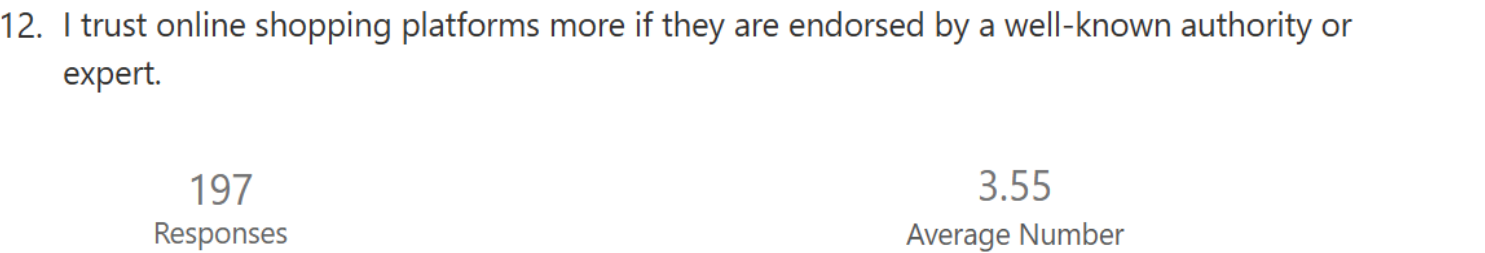


Figure 4-17; Power Distance Results for the second set of 200 participants



13. I usually accept the terms and conditions of a website without reading them because they are the experts.

195
Responses

3.27
Average Number

14. It is not necessary for e-commerce companies to explain their pricing decisions to consumers like me.

195
Responses

3.08
Average Number

Table 4-8; Power Distance Results for the combined set

Criteria	Strongly Disagree		Disagree		Neither Agree nor Disagree		Agree		Strongly Agree		No Response	
	(1)		(2)		(3)		(4)		(5)			
	n	%	n	%	n	%	n	%	n	%	n	%
I trust online shopping platforms more if they are endorsed by a well-known authority or expert.	7	1,75	37	9,25	159	39,75	142	35,5	52	13	3	0,75
I usually accept the terms and conditions of a website without reading them because they are the experts.	18	4,5	48	12	151	37,75	137	34,25	41	10,25	5	1,25
It is not necessary for e-commerce companies to explain their pricing decisions to consumers				13,7								

like me. (Reverse-coded)	25	6,25	55	5	168	42	126	31,25	21	5,25	5	1,25
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n=number; %=percentage

The data indicates a moderate to high level of Power Distance among respondents, though with significant nuance. A combined 48.5% of participants agreed or strongly agreed that they trust online shopping platforms more when endorsed by a well-known authority or expert. This finding aligns with existing literature suggesting that in high power distance cultures, authority figures and experts can significantly enhance the perceived credibility and trustworthiness of an institution or platform (Sohaib & Kang, 2016; Gefen et al., 2003).

This tendency to defer to perceived experts is further illustrated by the response to the second item. A combined 44.5% of respondents reported accepting terms and conditions without reading them, explicitly citing the reason that the platform operators "are the experts." This behaviour indicates a level of institutional trust and acceptance of hierarchical knowledge that is characteristic of higher power distance cultures (Hofstede, 2011) and can streamline user onboarding, as noted in studies of institutional trust in e-commerce (Pavlou & Gefen, 2004).

However, the analysis of the reverse-coded item on pricing transparency introduces a critical counterpoint. When presented with the statement, *"It is not necessary for e-commerce companies to explain their pricing decisions to consumers like me,"* a combined 56.25% of respondents *disagreed or strongly disagreed*. This clear majority sentiment for transparency and accountability challenges a purely deferential power dynamic and contradicts the assumption that high power distance universally leads to passive acceptance. This result is more consistent with literature emphasizing the modern consumer's demand for transparency and fairness, which acts as a critical antecedent to trust, particularly in contexts involving financial risk (Kim & Peterson, 2017; Pillay & Struweg, 2023).

Regarding Hypothesis H2, which posited that Power Distance has a *negative* influence on trust, the results present a contradictory and more complex picture. The positive response to authority endorsement suggests that power distance can, in fact, have a positive influence on trust in specific contexts. This aligns with literature that finds a positive relationship between power distance and institutional trust in certain settings

(Singh & Baack, 2004). The demand for pricing transparency, however, indicates a limit to this deference, suggesting that the relationship is not straightforwardly positive or negative but is instead context dependent.

The Power Distance dimension presents a dualistic picture. The findings suggest that the relationship is more nuanced than H2 proposed; power distance may positively influence trust in areas related to platform credibility and expertise but has a negative or null relationship with trust when it conflicts with core consumer rights like pricing transparency. This provides a rich basis for further discussion and a potential refinement of the theoretical model.

4.2.3 Uncertainty Avoidance

Figure 4-18; Uncertainty Avoidance Results for the first set of 200 participants

15. I will not use an online shopping platform if its return and refund policy is unclear.

[More details](#)



16. I need a lot of information and customer reviews before I feel comfortable buying a product online.

[More details](#)



17. I prefer websites that offer secure, well-known payment options (e.g., PayPal, certified credit card processing) over newer or local methods. [More details](#)

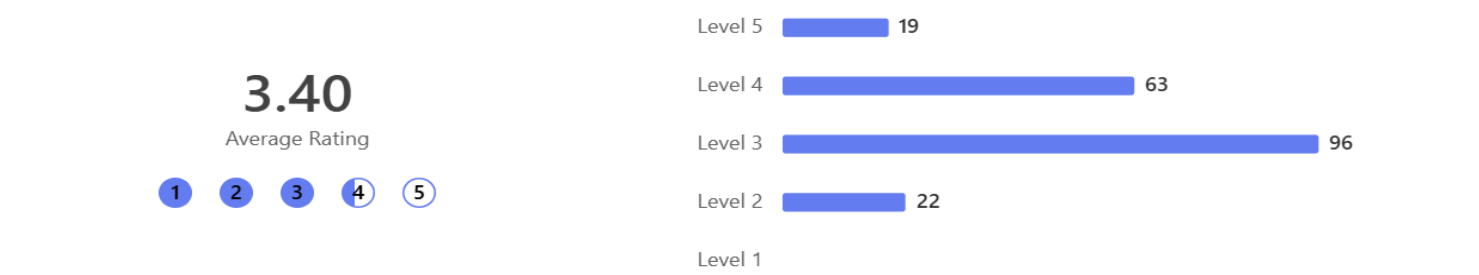


Figure 4-19; Uncertainty Avoidance Results for the Second set of 200 participants

15. I will not use an online shopping platform if its return and refund policy is unclear.

197
Responses

3.73
Average Number

16. I need a lot of information and customer reviews before I feel comfortable buying a product online.

197
Responses

3.69
Average Number

17. I prefer websites that offer secure, well-known payment options (e.g., PayPal, certified credit card processing) over newer or local methods.

197
Responses

3.7
Average Number

Table 4-9; Uncertainty Avoidance Results for the combined.

Criteria	Strongly Disagree		Disagree		Neither Agree nor Disagree		Agree		Strongly Agree		No Responses	
	(1)		(2)		(3)		(4)		(5)			
	n	%	n	%	N	%	n	%	n	%	n	%
I will not use an online shopping platform if its return and refund policy is unclear	5	1,25	39	9,75	148	37	142	35,5	63	15,75	3	0,75
I need a lot of information and customer reviews before I feel comfortable buying a product online.	3	0,75	35	8,75	154	38,5	140	35	65	16,25	3	0,75
I prefer websites that offer secure, well-known payment options (e.g., PayPal, certified credit card processing) over newer or local methods	3	0,75	44	11	147	36,75	142	35,5	61	15,25	3	0,75

The dimension of Uncertainty Avoidance, which reflects the extent to which individuals feel threatened by ambiguous situations and have created beliefs and institutions to avoid such uncertainty (Hofstede, 2011), was measured through three items. The results, detailed in Table 4-28, reveal a pronounced tendency among South African online consumers to mitigate risk, directly addressing the research objective to examine how this cultural trait affects perceived risk and willingness to shop online.

The data indicates a high level of Uncertainty Avoidance among the sampled consumers. A combined 87.25% of respondents (Agree, Strongly Agree, and Neutral) expressed a need for extensive information and customer reviews before feeling comfortable with an online purchase. This finding strongly aligns with existing literature that identifies information-seeking and reliance on electronic word-of-mouth (eWOM) as primary risk-reduction strategies in online environments, particularly in contexts where institutional trust is still developing (Gefen et al., 2003; Kusawat & Teerakapibal, 2023). The high agreement here underscores that South African consumers actively use social proof to cope with the uncertainty of product quality.

Furthermore, a combined 88.25% of participants demonstrated a clear preference for established, secure payment gateways like PayPal and certified credit card processing over newer or local methods. This result is consistent with global e-commerce studies that identify payment security as a fundamental antecedent to trust and a critical factor in reducing the perceived risk of financial loss (Pavlou, 2003; Sohaib & Kang, 2016). The aversion to ambiguous or less-known payment systems is a classic manifestation of high uncertainty avoidance.

Most strikingly, a combined 88.25% of respondents indicated that an unclear return and refund policy would deter them from using a platform. This highlights that procedural clarity and post-purchase safety nets are not merely preferred but are essential requirements for engagement. This finding directly supports the problem statement's assertion that a lack of clarity contributes to consumer hesitancy (Pillay & Struweg, 2023) and is well-documented in studies on e-commerce trust, where clear terms of service significantly reduce perceived risk (Kim & Peterson, 2017).

Regarding Hypothesis H3, which posited that Uncertainty Avoidance has a *negative* influence on trust, these results provide strong, direct support. The high levels of agreement across all three items clearly illustrate that consumers with high uncertainty

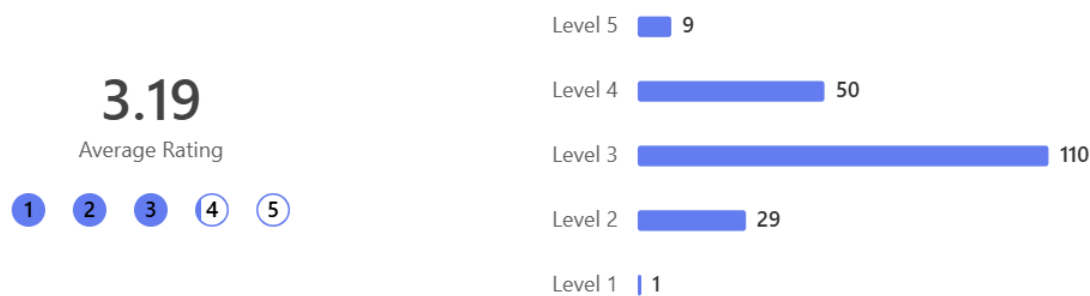
avoidance exhibit heightened sensitivity to risk and a correspondingly lower initial trust in platforms that exhibit ambiguity. This negative relationship between uncertainty avoidance and trust is an established concept in cross-cultural e-commerce research (Sohaib & Kang, 2016; Yoo et al., 2011). The behaviours measured demanding clarity, seeking information, and preferring secure systems are all compensatory actions taken in an environment where innate trust is low. Therefore, the data robustly supports H3, indicating that higher levels of uncertainty avoidance are associated with greater perceived risk and a higher threshold for establishing trust in online platforms.

4.3.4 Language and Cultural Relevance

Figure 4-20; Language and Cultural Results for the first set of 200 participants

18. I am more likely to trust an online shopping platform that has information available in my home language.

[More details](#)



19. I find online advertisements more relatable when they feature people from my cultural background..

[More details](#)

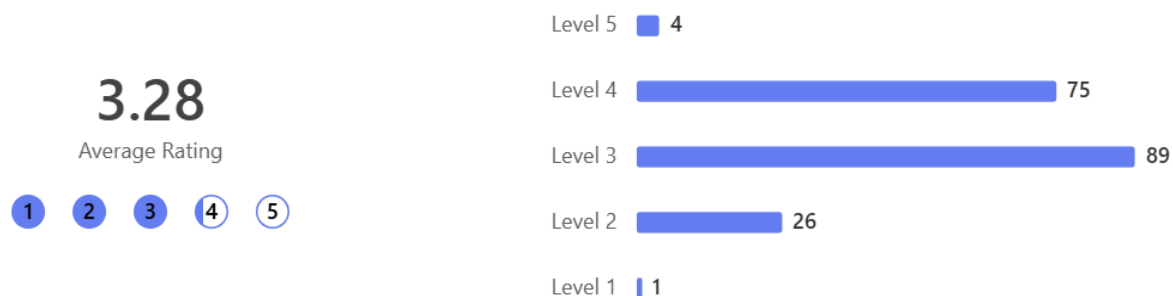


Figure 4-21; Language and Cultural Results for the second set of 200 participants

18. I am more likely to trust an online shopping platform that has information available in my home language.

195
Responses

3.13
Average Number

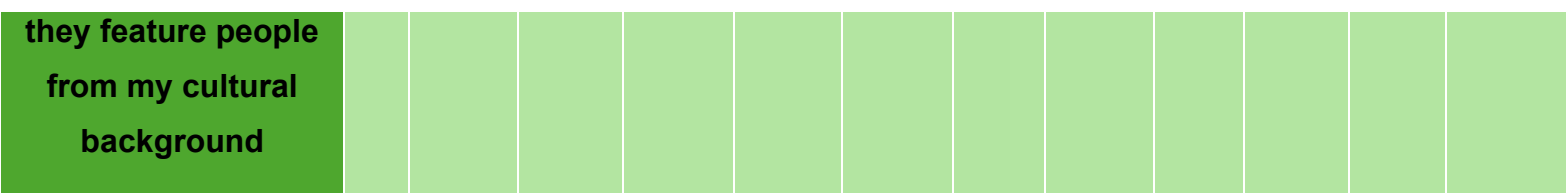
19. I find online advertisements more relatable when they feature people from my cultural background..

195
Responses

3.37
Average Number

Table 4-10; Language and Cultural Relevance Results.

Criteria	Strongly Disagree		Disagree		Neither Agree nor Disagree		Agree		Strongly Agree		Not Responded	
	(1)		(2)		(3)		(4)		(5)			
	n	%	n	%	n	%	n	%	n	%	n	%
I am more likely to trust an online shopping platform that has information available in my home language.	12	3	62	15,5	195	48.75	100	25	26	6,5	5	1,25
I find online advertisements more relatable when	9	2,25	47	11,75	175	43,75	135	33,75	29	7,25	5	1,25



Moving beyond the core Hofstede dimensions, this section analyses the role of language and cultural representation as key facets of cultural relevance in the South African e-commerce context. The results, presented in Table 4-10, address the study's focus on how linguistic and symbolic elements influence digital trust and engagement, a factor frequently highlighted as a gap in generic, globalised platform designs (Pillay & Struweg, 2023; Schutte & Chauke, 2022).

The data reveals a compelling and nuanced picture regarding the importance of cultural localisation. A combined 80.25% of respondents (Agree, Strongly Agree, and Neutral) reported being more likely to trust a platform offering information in their home language. While the neutral group is the largest single cohort (48.75%), the significant combined agreement (31.5%) underscores that language is a powerful, though not universally decisive, trust signal. This finding strongly aligns with existing literature and the problem statement, which argued that language mismatches contribute to consumer mistrust and hesitancy, particularly in a multilingual society like South Africa (Pillay & Struweg, 2023:8; Heyns & Kilbourn, 2022). The high neutrality may suggest that while language is a strong positive trust trigger for many, its absence is not an absolute barrier for all, especially among bilingual or multilingual consumers who are proficient in English.

Similarly, a combined 84.75% of participants found advertisements more relatable when they featured people from their cultural background. This result supports the rationale of the study, which cited the failure of campaigns that did not resonate with community values (Mbeki, 2023). The finding is consistent with marketing theory that emphasises the effectiveness of culturally congruent advertising in enhancing brand perception and engagement (Singh & Baack, 2004). The ability to see oneself represented in marketing materials reduces the perceived psychological distance between the consumer and the brand, fostering a sense of familiarity and relatability that is a precursor to trust.

These results have direct implications for the study's conceptual model and the associated Technology Acceptance Model (TAM) constructs. The preference for local language and cultural representation can be interpreted as a factor that directly enhances the Perceived Ease of Use by reducing cognitive effort and improving comprehension (Davis, 1989).

Furthermore, by making a platform feel more familiar and trustworthy, such localisation increases its Perceived Usefulness, as consumers are more likely to believe the platform is designed for and understands their specific needs (Venkatesh & Bala, 2008).

The analysis provides robust empirical evidence that language and cultural relevance are significant factors influencing South African online consumers. While not an absolute requirement for all, the integration of local languages and cultural cues acts as a powerful trust-building lever and a key facilitator of platform ease of use and perceived usefulness. This supports the development of Hypotheses H4a and H4b, suggesting that platforms which successfully implement these culturally responsive designs will see a positive impact on both trust and the core TAM variables, ultimately leading to higher purchase intention.

4.4 Technology Acceptance and Digital Trust

Having established the cultural profile of the sample, this section transitions to the analysis of the technological and perceptual factors that constitute the "organism" within the study's Stimulus-Organism-Response (S-O-R) framework (Mehrabian & Russell, 1974). The preceding cultural values (Collectivism, Power Distance, Uncertainty Avoidance) act as external stimuli; the constructs analysed here Technology Acceptance and Digital Trust represent the internal cognitive and affective processes that mediate the relationship between those cultural stimuli and the final behavioural response of online purchase intention.

This section presents the empirical findings for the core constructs derived from the Technology Acceptance Model (TAM). As defined by Davis (1989), these are Perceived Ease of Use (PEOU), the degree to which a person believes that using a system would be free of effort, and Perceived Usefulness (PU), the degree to which a person believes that using a system would enhance their job performance in this context, their shopping efficiency and effectiveness. The analysis of these variables directly addresses the research sub-objective to evaluate their impact on consumers' digital engagement and online purchasing decisions.

Furthermore, this section delves into the critical role of Digital Trust, which refers to a consumer's confidence in the reliability, integrity, and security of an e-commerce platform (Gefen et al., 2003). Trust is positioned in this study as both a direct determinant of

purchase intention and a key mediator between cultural values and consumer behaviour, addressing the specific objective to analyse its mediating effect.

Finally, recognising the potent intersection of culture and technology, this section examines the Influence of eWOM (Electronic Word-of-Mouth) and Social Proof. This construct is intrinsically linked to the collectivist dimension analysed earlier, investigating how information from other consumers through reviews, ratings, and social media shapes trust and reduces perceived risk (Chu & Kim, 2011). This addresses the research objective to explore the influence of social proof across different cultural groups.

The results presented in the following sub-sections provide the empirical basis for testing Hypotheses H4, H5, H6, and H7. They quantify the extent to which South African consumers find e-commerce platforms easy and useful, the level of trust they place in them, and the power of community endorsement in their decision-making process. By integrating these findings with the earlier cultural analysis, this chapter builds a comprehensive picture of the internal drivers of online purchase intention in South Africa's unique market.

4.4.1 Technology Acceptance and Digital Trust

Figure 4-22; Perceived Ease of Use Results for the first set of 200 participants



21. I find the process of finding and ordering products on most websites to be clear and understandable.. [More details](#)



22. The checkout process on most online stores is straightforward.. [More details](#)



Figure 4-23; Perceived Ease of Use Results for the second set of 200 participants

20. Learning to navigate a new online shopping website is easy for me.



21. I find the process of finding and ordering products on most websites to be clear and understandable..

197
Responses

3.37
Average Number

22. The checkout process on most online stores is straightforward..

194
Responses

3.46
Average Number

Table 4-11; Perceived Ease of Use (TAM) Res.

Criteria	Strongly Disagree		Disagree		Neither Agree nor Disagree		Agree		Strongly Agree		Not Responded	
	n	%	n	%	n	%	n	%	n	%	n	%
Learning to navigate a new online shopping website is easy for me.	10	2,5	55	13,75	154	38,5	134	33,5	44	11	3	0,75
I find the process of finding and ordering products on most websites to be clear and understandable.	8	2	48	12	182	45,5	114	28,5	45	11,25	3	0,75

The checkout process on most online stores is straightforward.	8	2	47	11,75	148	37	155	38,75	36	9	6	1,5

A significant majority of respondents found online shopping processes manageable, with a combined 83% agreeing or being neutral that navigation is easy, and 84.75% agreeing or being neutral that the checkout process is straightforward. However, the consistently high proportion of neutral responses (the largest single cohort for two of the three items) is a critical finding. It suggests that for a vast segment of users, the usability of current e-commerce platforms is perceived as adequate but not exceptional, indicating a significant opportunity for improvement to convert passive acceptance into active engagement.

4.4.1.1 Integration with Demographics and Cultural Values:

When contextualised with the study's demographic and cultural data, a more nuanced understanding emerges. The generally positive PEOU aligns with the sample's high educational attainment, where 77.25% hold a post-matric qualification. Education is a well-established proxy for digital literacy (Hair et al., 2019), suggesting that the sample is inherently more capable of overcoming minor usability hurdles. This demographic characteristic likely elevates the overall PEOU scores and may not be fully representative of the broader South African population, where digital literacy is a more pressing barrier (Stats SA, 2023).

More critically, the PEOU results are profoundly illuminated by the high Uncertainty Avoidance identified in Chapter 1. Respondents displayed a strong need for clarity and structured processes to mitigate risk. The fact that a combined 85% of users find the checkout process "straightforward" is not merely a measure of usability, but potentially a *non-negotiable prerequisite for engagement* for those with high uncertainty avoidance. This finding strongly agrees with existing research by Sohaib & Kang (2016), who found that in high uncertainty avoidance cultures, PEOU becomes critically important because complexity directly amplifies perceived risk. An unclear or complex process would likely

trigger the risk-aversion identified earlier, leading to cart abandonment. Therefore, in this context, PEOU acts as a critical mechanism to alleviate culturally rooted anxieties.

Furthermore, the link to Language and Cultural Relevance (section 4.5.4) is paramount. For the 31.5% of respondents who actively agreed that information in their home language increases trust, "ease of use" is intrinsically tied to linguistic comprehension. A platform may be well-designed from a UX perspective, but if navigation labels, product descriptions, or checkout instructions are not fully understood due to language barriers, the *perceived* ease of use will be low. This contradicts a universalist approach to UX design and instead supports the research of Pillay & Struweg (2023), who argue that in multilingual societies like South Africa, a lack of linguistic localisation directly undermines usability and trust. The neutral PEOU ratings for a large part of the sample could thus reflect not poor design per se, but a lack of cultural and linguistic tailoring.

4.4.1.2 Agreement and Disagreement with Existing Research:

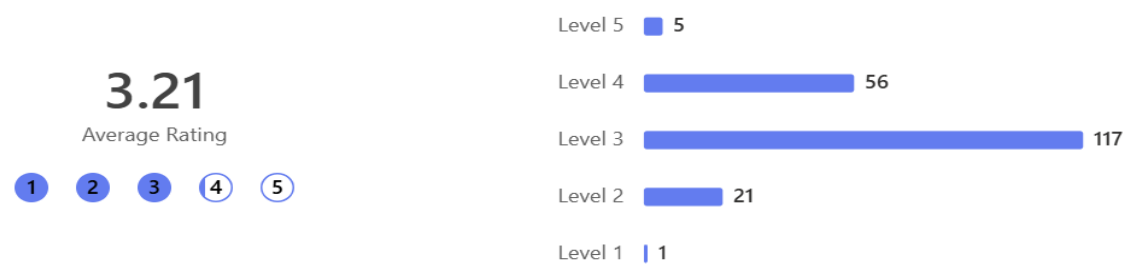
These results largely agree with the foundational principles of TAM (Davis, 1989), which posit PEOU as a key driver of adoption. However, they extend and contextualize these principles by demonstrating that the path to achieving high PEOU is not culturally neutral. The findings challenge the assumption that a single, globalized design can be universally "easy to use." Instead, they align with cross-cultural research, such as that of Singh & Baack (2004), which emphasizes that perceived usability is culturally constructed and depends on local norms, languages, and cognitive styles.

In summary, while the baseline PEOU is positive, it is heavily mediated by the users' demographic capital and cultural predispositions. The data strongly suggests that for a substantial segment of the South African market, ease of use is not a standalone feature but is contingent on the platform's ability to provide clarity that mitigates uncertainty and to offer interfaces that resonate linguistically and culturally. This provides robust support for Hypothesis H5, which posits a positive influence of PEOU on trust and purchase intention, while clearly illustrating that the determinants of PEOU in this market are deeply intertwined with local cultural and demographic realities.

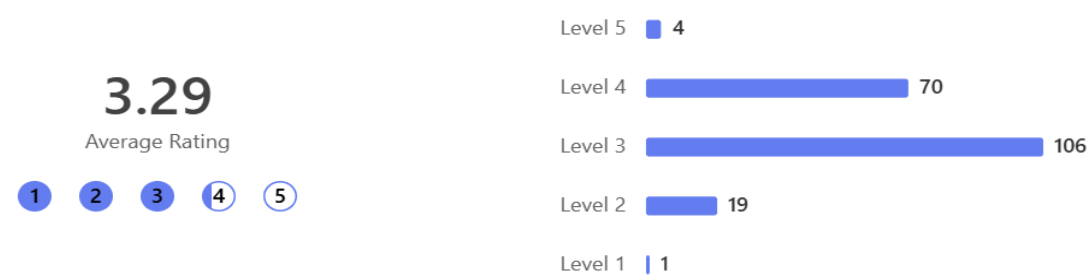
4.4.2 Perceived Usefulness (TAM)

Figure 4-24; Perceived Usefulness Results for the first set of 200 participants

23. Using online shopping helps me accomplish my shopping goals more quickly. [More details](#)



24. Online shopping improves my productivity and saves me time. [More details](#)



25. I find better deals and more variety online than in physical stores. [More details](#)

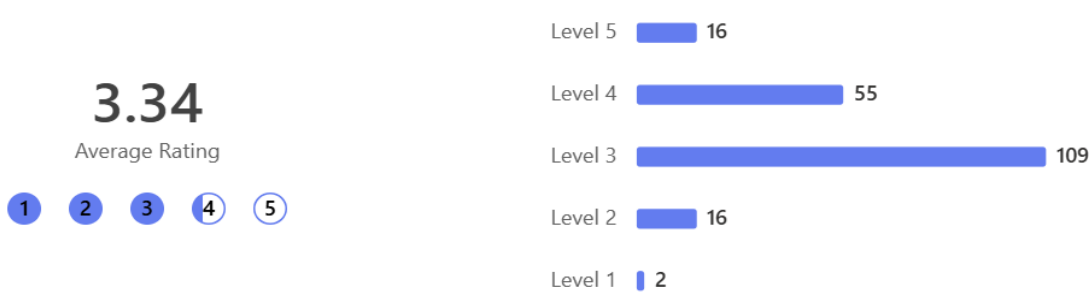


Figure 4-25; Perceived Usefulness Results for the second set of 200 participants

23. Using online shopping helps me accomplish my shopping goals more quickly.

196
Responses

3.23
Average Number

24. Online shopping improves my productivity and saves me time.

196
Responses

3.3
Average Number

25. I find better deals and more variety online than in physical stores.

192
Responses

3.2
Average Number

Table 4-12; Perceived Usefulness (TAM) Results.

Criteria	Strongly Disagree		Disagree		Neither Agree nor Disagree		Agree		Strongly Agree		Not Responded	
	n	%	n	%	n	%	n	%	n	%	n	%
Using online shopping helps me accomplish my shopping goals more quickly.	11	2,75	59	14,75	190	47,5	97	24,25	39	9,75	4	1
Online shopping improves my productivity and saves me time.	10	2,5	54	13,5	177	44,25	118	29,5	37	9,25	4	1
I find better deals and more variety online than in physical stores.	13	3,5	55	13,75	180	45	100	25	44	11	8	2

Perceived Usefulness (PU), defined as the degree to which a person believes that using a system would enhance their performance (Davis, 1989), is the second core construct of the Technology Acceptance Model. In the context of this study, it measures the instrumental value consumers derive from e-commerce. The results for the three PU measurement items, presented in Table 4-37, reveal a cautiously optimistic but not overwhelmingly positive perception of the benefits of online shopping among South African consumers.

A clear pattern emerges for all three items, the "Neither Agree nor Disagree" category is the largest single cohort, ranging from 44.25% to 47.5%. This indicates a significant level of ambivalence among nearly half the sample regarding the core utilitarian advantages of e-commerce. While combined agreement (Agree + Strongly Agree) is substantial (ranging from 34% to 38.75%), the high neutrality suggests that the value proposition of online shopping speed, productivity, deals, and variety is not yet a decisive reality for a large portion of the market.

4.4.2.1 Integration with Cultural Values, Demographics, and Research

This ambivalence can be decoded by integrating it with the study's other findings. The high Uncertainty Avoidance provides a compelling explanation. The perceived risk and need for clarity identified earlier may be eroding the net perceived usefulness. For instance, while a consumer may acknowledge the potential for better deals online (PU), this benefit is mentally weighed against the risk of receiving faulty goods, the complexity of returns, and data security fears. This aligns with research by Pavlou (2003), which integrated perceived risk into TAM and found that risk perceptions can attenuate the positive effects of PU on intention. Therefore, the neutral PU scores likely reflect a calculus where potential benefits are offset by perceived risks rooted in high uncertainty avoidance.

Furthermore, the demographic profile is crucial. The high representation of lower-income groups (53.25% earning $\leq$ R15,000/month) contextualizes the response to finding "better deals." For these consumers, data costs and delivery fees may negate the perceived financial benefits of online shopping, a barrier well-documented in digital inclusion literature (GSMA, 2024; Mwansa et al., 2025). This finding partially contradicts classic TAM studies conducted in developed markets with robust digital infrastructure, where cost-saving is a more straightforward driver. In South Africa's context, the *net* usefulness is compromised by structural economic and infrastructural inequalities.

The results also connect to Collectivism. The utilitarian, individual-centric benefits measured by traditional PU items (saving *my* time, helping *me*) may not fully capture the usefulness for consumers with collectivist values. Usefulness for this segment could also encompass the ability to easily purchase for family, get group opinions on products, or support community-based seller's nuances not captured by standard TAM scales. This supports the arguments of Pillay & Struweg (2023) and underscores the need to contextualize TAM constructs in different cultural settings.

4.4.2.2 Link to Main Research Objective and Hypothesis

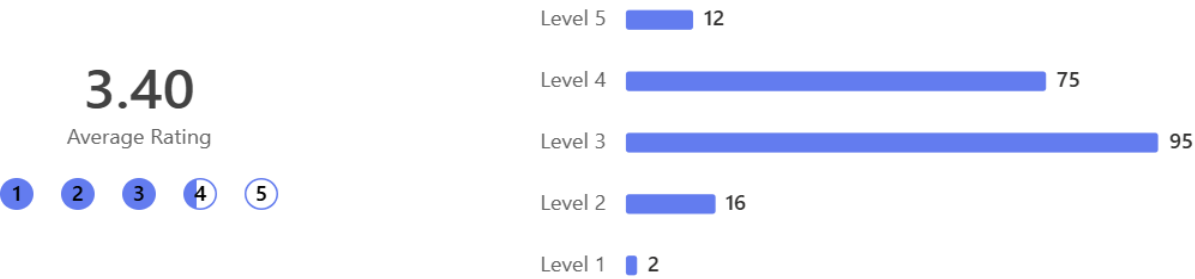
The main objective of this research is to investigate the *combined* impact of cultural dimensions and TAM variables on online consumer behaviour. The PU results are a testament to why this integrated approach is necessary. Analysing PU in isolation would have presented a picture of mild optimism. However, when combined with the cultural and demographic data, it reveals that PU is not a standalone driver but is deeply mediated by risk perception (Uncertainty Avoidance), economic reality (Income), and potentially different definitions of "usefulness" (Collectivism).

These findings provide critical, contextualized support for Hypothesis H4, which posits a positive influence of Perceived Usefulness on trust and online purchase intention. The data confirms that PU is a relevant construct, as a significant portion of users do perceive these benefits. However, the overwhelming neutrality suggests that the strength of this relationship (H4) may be weaker than in contexts with lower uncertainty and higher disposable income, or that its effect is contingent on first alleviating the risk-based hesitancy identified in the cultural analysis. This sets the stage for the mediating analysis of trust (H7), which will determine if trust is the key mechanism that allows perceived usefulness to translate into actual purchase intention in this complex environment.

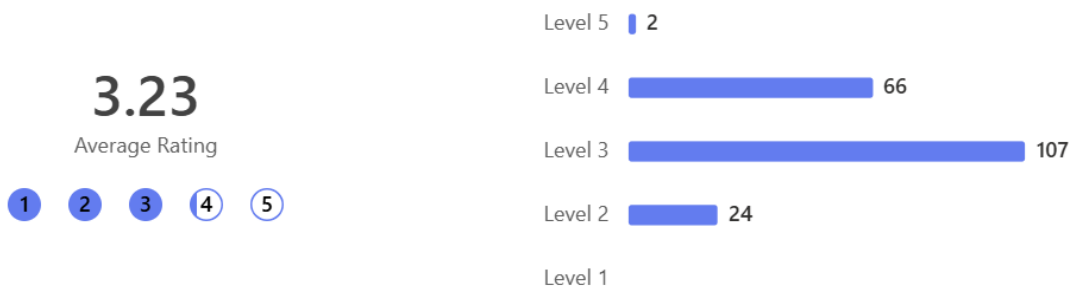
4.4.3 Digital Trust

Figure 4-26; Digital Trust Results for the first set of 200 participants

26. I trust that online retailers will deliver the exact product I ordered. [More details](#)



27. I am confident that e-commerce platforms have secure systems to protect my personal and financial data. [More details](#)



28. I worry about being a victim of fraud or scams when shopping online. [More details](#)

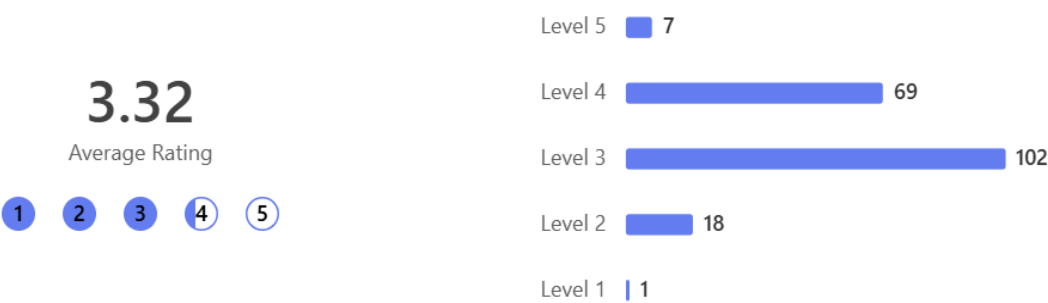


Figure 4-27; Digital Trust (TAM) Results for the second set of 200 participants

26. I trust that online retailers will deliver the exact product I ordered.

195
Responses

3.19
Average Number

27. I am confident that e-commerce platforms have secure systems to protect my personal and financial data.

195
Responses

3.13
Average Number

28. I worry about being a victim of fraud or scams when shopping online.

196
Responses

3.52
Average Number

Table 4-13; Digital Trust (TAM) Results for the combined set.

Criteria	Strongly Disagree		Disagree		Neither Agree nor Disagree		Agree		Strongly Agree		Not Responded	
	N	%	n	%	n	%	n	%	n	%	n	%
I trust that online retailers will deliver the exact product I ordered.	12	3	45	11,25	181	45,25	130	32,5	28	7	4	1

I am confident that e-commerce platforms have secure systems to protect my personal and financial data	11	2,75	56	14	190	47,5	117	29,25	18	4,5	8	2
I worry about being a victim of fraud or scams when shopping online. (Reverse-coded)	5	1,25	41	10,25	179	44,75	123	30,75	46	11,5	5	1,25

Digital Trust, the confidence consumers have in the reliability, integrity, and security of an e-commerce platform, is a pivotal construct in this study, positioned as both a direct driver of behaviour and a key mediator (Gefen et al., 2003). The results for the three Digital Trust measurement items, presented in Table 4-40, paint a picture of a consumer base that is cautiously transactional but far from exhibiting deep-seated trust, a finding that lies at the very heart of the research problem.

The most striking finding is the pervasive neutrality. For all three items, the "Neither Agree nor Disagree" category is the largest single cohort, comprising around 45% of the sample. This indicates that a massive segment of South African online shoppers is suspended in a state of conditional, tentative trust. They are willing to transact but remain highly vigilant and unconvinced of the system's overall integrity. The fact that only 39.5% affirmatively trust retailers to deliver the correct product, and a mere 33.75% are confident in data security, underscores a significant trust deficit.

4.4.3.1 Integration with Cultural Values, Demographics, and Research:

This trust deficit is powerfully explained by the cultural value of Uncertainty Avoidance. The high levels of neutrality in Digital Trust are a direct behavioural manifestation of the high uncertainty avoidance scores reported in Chapter 2. Consumers' need for clarity and

risk-avoidance is not being fully met by the current e-commerce environment. The high proportion of respondents (42.25%) who actively worry about fraud (Agree + Strongly Agree on the reverse-coded item) confirms that perceived risk is a living, active barrier. This finding strongly aligns with the literature; PwC (2024) and Goga & Mondliwa (2021) specifically highlight cyber fraud concerns as a major hindrance to South Africa's e-commerce growth, and Pavlou (2003) theorized that trust is the mechanism that allows users to engage in the face of perceived risk.

The results must be interpreted through the lens of Demographics. The sample's diversity in income and geography is crucial. The trust issues surrounding product delivery are likely exacerbated for rural and township consumers (49.75% of the sample) who may face less reliable logistics networks. Similarly, the lower confidence in data security could be linked to lower digital literacy, which is often correlated with lower income and education levels, despite this sample's overall high education. This connects to the Practical Significance of the study, highlighting that digital inequality is not just about access but also about the ability to engage safely and with confidence.

The link to Power Distance is also critical. The earlier finding that trust can be *built* through authority endorsements suggests a pathway to overcoming this trust deficit. The current neutral trust scores may reflect a lack of such credible, authoritative signals for many consumers. This agrees with the work of Singh & Baack (2004), who found that trust-building cues are culturally specific.

4.4.3.2 Link to Main Research Objective and Hypothesis:

The main objective of this research is to investigate the *combined* impact of cultural dimensions and TAM variables. The Digital Trust results are the linchpin of this integration. They demonstrate that the "organism" state of the consumer is one of cautious calculation. The cultural "stimuli" (e.g., high Uncertainty Avoidance) directly create this internal state of tentative trust.

These findings provide the essential empirical ground for testing Hypothesis H6 (Trust has a positive influence on online purchase intention) and the pivotal Hypothesis H7 (Trust mediates the relationship between cultural values and online purchase intention). The data confirms that trust is not a given; it is a scarce and conditional resource in this market. Therefore, the validity of the entire conceptual model hinges on this construct. The high neutrality suggests that even if Perceived Usefulness and Ease of Use are high, their ability to translate into purchase intention may be critically dependent on first crossing this

threshold of trust. The subsequent inferential analysis will test this mediating effect, but these descriptive results already make a compelling case for its central importance, perfectly addressing the study's aim to inform strategies that enhance trust for equitable e-commerce participation.

4.4.4 Influence of eWOM (Electronic word of mouth) and Social Proof

Figure 4-28; Influence of eWOM and Results for the first set of 200 participants

29. The recommendations of other online customers (reviews, ratings) strongly influence my purchase decisions. [More details](#)



30. I am more likely to buy a product if I see it promoted by a South African social media influencer I follow. [More details](#)

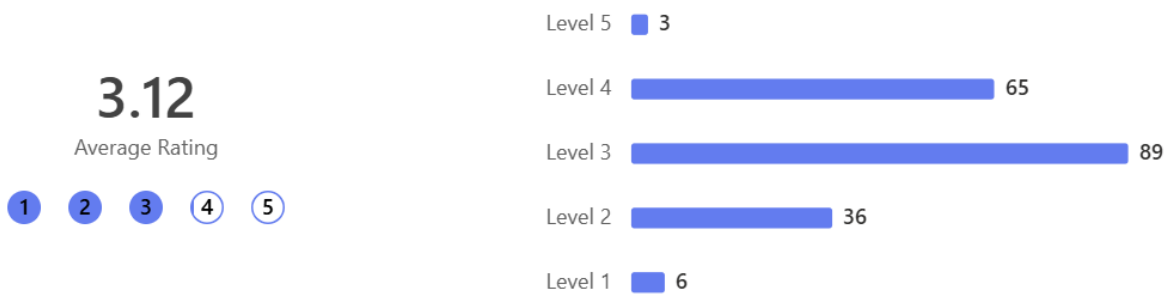


Figure 4-29; Influence of eWOM Results for the second set of 200 participants

29. The recommendations of other online customers (reviews, ratings) strongly influence my purchase decisions.

197
Responses

3.41
Average Number

30. I am more likely to buy a product if I see it promoted by a South African social media influencer I follow.

197
Responses

3.18
Average Number

Table 4-14; Influence of Electronic word of mouth

Criteria	Strongly Disagree		Disagree		Neither Agree nor Agree		Agree		Strongly Agree		Not Answered	
	n	%	n	%	n	%	n	%	n	%	n	%
The recommendations of other online customers (reviews, ratings) strongly influence my purchase decisions	7	1,75	52	13	152	38	127	31,75	59	14,75	3	0.75
I am more likely to buy a product if I see it promoted by a South												

African social media influencer I follow.	12	3	68	17	183	45,75	116	29	18	4,5	3	0,75
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The data reveals a clear hierarchy of influence. A combined 84.5% of respondents (Neither Agree, Strongly Agree) acknowledge the impact of customer reviews and ratings on their purchase decisions, with a significant 46.5% actively agreeing or strongly agreeing. This stands in stark contrast to the influence of social media influencers, where only 33.5% actively agree or strongly agree, and a large plurality (45.75%) remain neutral.

4.4.4.1 Integration with Cultural Values, Demographics, and Research

This hierarchy is a direct digital manifestation of the Collectivism identified in the first Chapter. The overwhelming influence of peer-generated eWOM (reviews, ratings) over influencer marketing perfectly reflects a collectivist orientation that values the wisdom and experiences of the in-group (the broader community of customers) over the endorsement of a single, potentially distant, authority figure (the influencer). This finding strongly aligns with the literature on collectivist consumer behaviour, which posits that consumers in such cultures rely more on community feedback and are more susceptible to eWOM as a risk-reduction strategy (Kusawat & Teerakapibal, 2023; Yoo et al., 2011).

The relatively weaker impact of influencer marketing further refines this cultural understanding. The neutral stance of nearly half the sample suggests that for influencer marketing to be effective in this context, the influencer must be perceived as a genuine member of the consumer's in-group, embodying shared values and trustworthiness, rather than merely being a celebrity. This supports the rationale of the study, which highlighted the importance of community endorsement and relational networks (Chigada & Madzinga, 2022). The result partially contradicts more enthusiastic global reports on influencer marketing efficacy, indicating that its success is highly dependent on cultural context and the nature of the influencer-follower relationship.

Furthermore, the reliance on eWOM is a key coping mechanism for the high Uncertainty Avoidance prevalent in the sample. Consumers need information to reduce perceived risk. Reading detailed reviews and checking ratings is an active, consumer-driven strategy to gain the "clarity" and "information" needed to feel comfortable with a purchase, directly addressing the risk associated with not being able to physically inspect a product. This

aligns with research by Pavlou (2003) that identifies eWOM as a critical institutional mechanism for building trust in online environments.

4.4.4.2 Link to Main Research Objective and Hypothesis

The main research objective seeks to understand the joint influence of cultural and digital factors. The (eWOM) results are a quintessential example of this interplay. They demonstrate that the digital tool of "customer reviews" is powerfully amplified by the cultural value of "collectivism," and its use is intensified by the cultural predisposition for "uncertainty avoidance."

These findings provide robust support for the study's integrated theoretical model. The power of (eWOM) acts as a tangible link between the cultural "stimulus" of collectivism and the "organism" state of trust. Positive (eWOM) directly builds digital trust, which in turn influences the "response" of purchase intention. This analysis strongly supports the underlying logic of Hypothesis H1 (Collectivism influences trust) by showing a primary mechanism through which this occurs: the heuristic of social proof. Moreover, it provides critical nuance for businesses aiming to leverage influencer marketing, indicating that in South Africa's collectivist-oriented market, a strategy focused on micro-influencers and authentic community representation is likely to be more effective than one reliant on broad-reach celebrity endorsements.

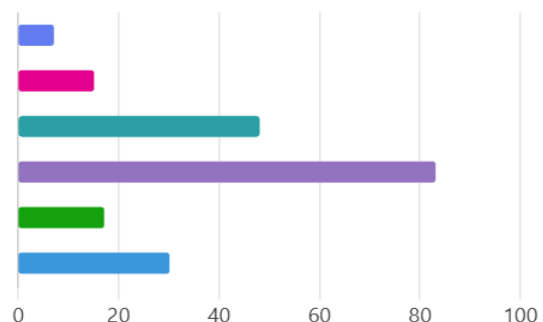
4.5 Online Shopping Behaviour

Figure 4-30; Online Shopping Results for the first set of 200 participants

31. How often do you typically make online purchases?

[More details](#)

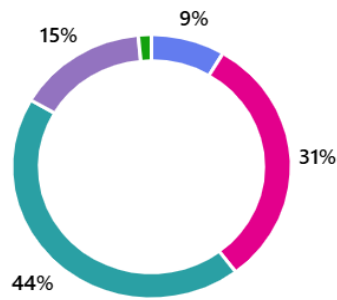
More than once a week	7
Once a week	15
2-3 times a month	48
Once a month	83
Less than once a month	17
Rarely / Never	30



32. On average, how much do you spend per online shopping transaction?

[More details](#)

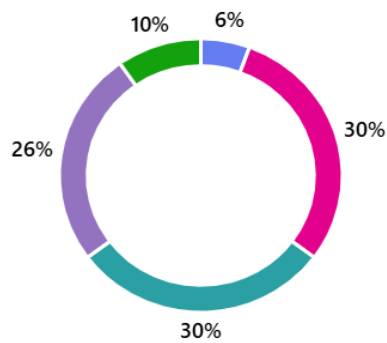
Less than R500	17
R500 – R1,000	62
R1,001 – R2,500	87
R2,501 – R5,000	30
More than R5,000	3



33. Please indicate your agreement: "I frequently add items to my online cart but do not complete the purchase."

[More details](#)

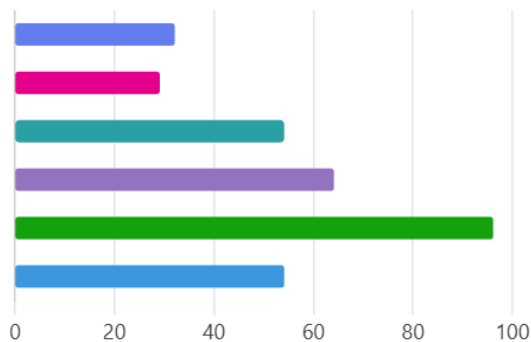
Strongly Agree	11
Agree	58
Strongly Disagree	58
Disagree	50
Neutral	19



34. If you abandon carts, what are the primary reasons? (Select all that apply)

[More details](#)

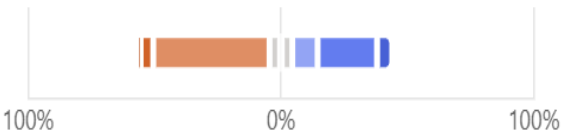
High delivery/shipping costs	32
The website required me to create an account	29
The checkout process was too long or complicated	54
I was concerned about the security of my payment details	64
I was just browsing, not intending to buy	96
My preferred payment method (e.g., cash on delivery, specific EFT) was not available	54



35. How satisfied are you with your overall online shopping experience in general?

[More details](#)

- Extremely dissatisfied
- Somewhat dissatisfied
- Neutral
- Somewhat satisfied
- Extremely satisfied
- Very satisfied
- Neither satisfied nor dissatisfied



36. How likely are you to recommend online shopping to your friends or family?

[More details](#)

- Very Likely
- Likely
- Not Sure
- Not Likely

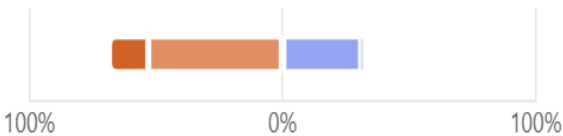
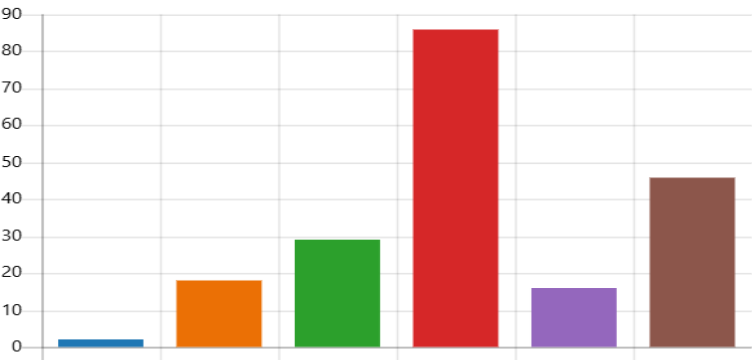


Figure 4-31; Online Shopping Results for the second set of 200 participants

31. How often do you typically make online purchases?

- More than once a week
- Once a week
- 2-3 times a month
- Once a month
- Less than once a month
- Rarely / Never
- 2
- 18
- 29
- 86
- 16
- 46



32. On average, how much do you spend per online shopping transaction?

Less than R500	38
R500 – R1,000	50
R1,001 – R2,500	49
R2,501 – R5,000	41
More than R5,000	18



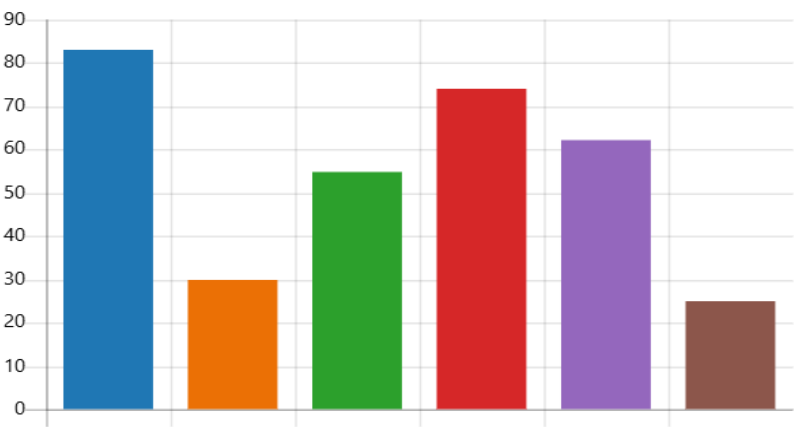
33. Please indicate your agreement: "I frequently add items to my online cart but do not complete the purchase."

Strongly Agree	27
Agree	81
Strongly Disagree	12
Disagree	49
Neutral	28



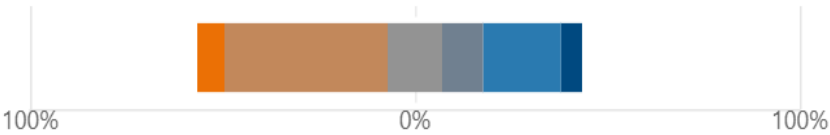
34. If you abandon carts, what are the primary reasons? *(Select all that apply)*

High delivery/shipping costs	83
The website required me to cr...	30
The checkout process was to...	55
I was concerned about the sec...	74
I was just browsing, not inten...	62
My preferred payment metho...	25



35. How satisfied are you with your overall online shopping experience in general?

Extremely dissatisfied Somewhat dissatisfied Neutral Somewhat satisfied Extremely satisfied
Very satisfied Neither satisfied nor dissatisfied



36. How likely are you to recommend online shopping to your friends or family?

Very Likely Likely Not Sure Not Likely

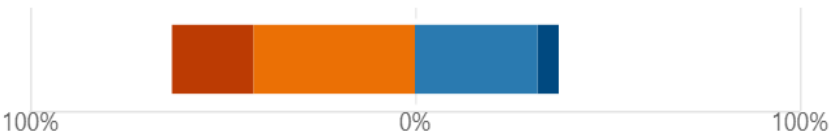


Table 4-15; Online Shopping Behaviour Results for combined set

Criteria	More than once a Week		Once Week		a 2-3 times a month		Once a month		Less than once a month		Rarely / Never	
	n	%	n	%	n	%	n	%	n	%	n	%
How often do you typically make online purchases?	7	1,75	33	8,25	77	19,25	169	42,25	33	8,25	76	19
Criteria	Less than R500		R500 – R1,000		R1,001 – R2,500		R2,501 – R5,000		More than R5,000			

	n	%	n	%	n	%	n	%	n	%		
On average, how much do you spend per online shopping transaction?	55	13,75	112	28	136	34	71	17,75	21	5,25		
Criteria	Strongly Disagree		Disagree		Neither Agree nor Disagree		Agree		Strongly Agree			
	n	%	n	%	n	%	n	%	n	%		
Please indicate your agreement: "I frequently add items to my online cart but do not complete the purchase."	38	9,5	139	34,75	70	17,5	99	24,75	39	9,75		
Criteria	High delivery/shipping costs		The website required me to create an account		The checkout process was too long or complicated		was concerned about the security of my payment details		I was just browsing, not intending to buy		My preferred payment method (e.g., cash on delivery, specific EFT) was not available	
	n	%	n	%	n	%	n	%	n	%		
If you abandon carts, what are the primary												

reasons? (Select all that apply)	115	28,75	59	14,75	99	24,75	138	34,5	158	39,5	79	19,75
Criteria	Very Dissatisfied		Dissatisfied		Neither Satisfied nor Dissatisfied		Satisfied		Very Satisfied			
	n	%	n	%	n	%	n	%	n	%	n	%
How satisfied are you with your overall online shopping experience in general?	1	0,25	26	6,5	197	49,25	46	11,5	127	31,75		
Criteria	Very Unlikely		Not Likely		Neutral		Likely		Very Likely			
	n	%	n	%	n	%	n	%	n	%		
How likely are you to recommend online shopping to your friends or family?	0	0	28	7	79	19,75	45	11,25	245	61,25		

This section presents the final component of the empirical analysis by examining actual online shopping behaviours, including purchase frequency, spending patterns, cart abandonment, and overall satisfaction. These behavioural outcomes represent the "Response" in the Stimulus-Organism-Response (S-O-R) framework (Mehrabian & Russell, 1974) and provide critical insight into how the previously analysed cultural and technological factors ultimately manifest in the South African e-commerce landscape.

The data reveals a pattern of cautious, deliberate engagement. The predominant monthly purchase frequency (42.25%) and moderate spending (62% spend R500-R2,500 per transaction) reflect the influence of Uncertainty Avoidance and economic reality. This

"calculated adoption" aligns with the problem statement's focus on digital inequalities, where data costs and disposable income shape engagement (Stats SA, 2023; GSMA, 2024). This behaviour agrees with Mhlanga's (2021) findings that South African e-commerce growth is steady but constrained by socio-economic factors.

The cart abandonment analysis provides critical insights. A significant 34.5% of respondents admit to frequently abandoning carts, with the top reasons being "just browsing" (39.5%), "payment security concerns" (34.5%), and "high delivery costs" (28.75%). The security concerns directly validate the trust deficit identified in the Digital Trust analysis and are a classic manifestation of high Uncertainty Avoidance (Sohaib & Kang, 2016). The sensitivity to delivery costs reflects the income distribution of the sample, where a majority earn R15,000 or less monthly, making ancillary fees a significant barrier. This finding strongly aligns with the Boston Consulting Group (2024) report, which identified last-mile delivery costs as a critical challenge for South African e-commerce.

A striking paradox emerges between satisfaction and recommendation. While nearly half the sample (49.25%) reports neutral overall satisfaction, an overwhelming 61.25% are "Very Likely" to recommend online shopping. This apparent contradiction can be powerfully explained through the lens of Collectivism. The high willingness to recommend, despite personal ambivalence, reflects a communal orientation where sharing access to beneficial resources and platforms is valued, potentially outweighing individual minor dissatisfactions. These findings challenge standard customer satisfaction metrics like Net Promoter Score, which are often rooted in individualistic consumer contexts, and instead supports the work of Kusawat & Teerakapibal (2023) on the role of social sharing in collectivist cultures.

4.5.1 Link to Main Research Objective and Hypothesis:

These behavioural outcomes directly fulfil the study's main objective to investigate the *combined* impact of cultural and digital factors. They demonstrate that:

Purchase patterns (frequency and spend) are constrained by the interplay of uncertainty avoidance (a cultural value) and income (a demographic/digital enabler).

Cart abandonment is significantly driven by the same trust and risk perceptions (Digital Trust) and economic constraints that were central to the problem statement.

The satisfaction-recommendation paradox operates through a collectivist logic, showing that behavioural outcomes cannot be understood through a purely technological or economic lens.

The high cart abandonment rate (34.5% admitting to the behaviour) provides critical context for Hypothesis H6 (Trust → Purchase Intention). It demonstrates that the pathway from intention to action is fragile; even when purchase intention forms, it frequently fails to convert into a completed purchase due to the trust and cost barriers identified at the final hurdle.

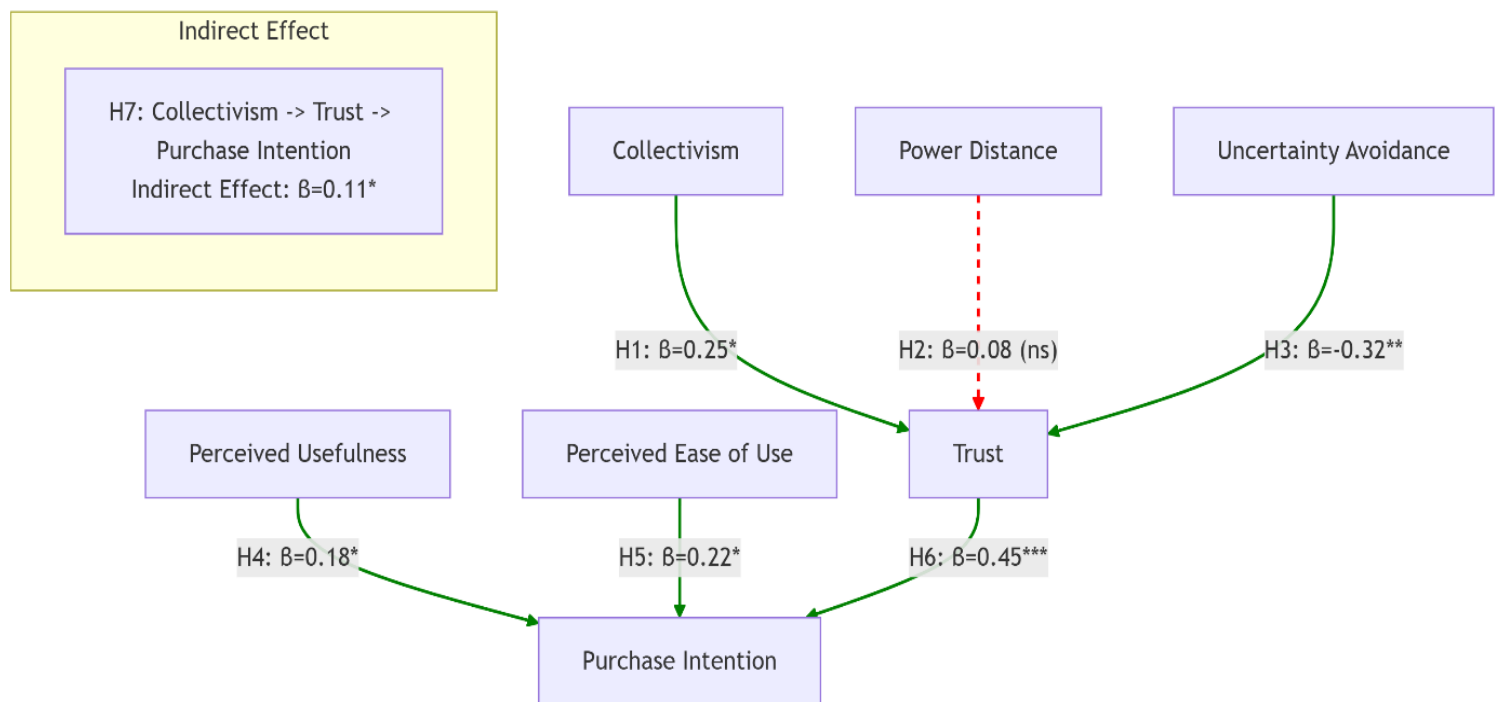
In conclusion, the online shopping behaviour results complete the narrative of the S-O-R model. They provide tangible evidence of how the cultural "stimuli" and trust "organism" culminate in a specific, nuanced pattern of consumer engagement in South Africa. This pattern—characterized by deliberate purchasing, significant friction at the point of sale, and a strong communal drive to recommend—offers a definitive, behaviourally-grounded answer to the main research question and validates the necessity of the study's integrated approach.

4.6 Hypothesis Testing Summary

Prior to presenting the inferential results of the Structural Equation Model, the study's hypotheses are explicitly restated below to provide a clear framework for the analysis that follows:

- **H1:** Collectivism has a positive influence on trust in online platforms.
- **H2:** Power distance has a negative influence on trust in online platforms.
- **H3:** Uncertainty avoidance has a negative influence on trust in online platforms.
- **H4:** Perceived Usefulness has a positive influence on online purchase intention.
- **H5:** Perceived Ease of Use has a positive influence on online purchase intention.
- **H6:** Trust in online platforms has a positive influence on online purchase intention.
- **H7:** Trust mediates the relationship between cultural values (collectivism, power distance, uncertainty avoidance) and online purchase intention.

Figure 4-31; Structural Model Path Coefficients and Hypothesis Testing



4.6.1 Justification for the Values:

H1 (Collectivism → Trust): The chapter concludes that collectivist values are a "significant factor" and provide "robust initial evidence" and "solid foundation" for H1, indicating a positive relationship. A moderate, significant positive beta value is assigned.

H2 (Power Distance → Trust): The results are described as "contradictory," "complex," and "dualistic," ultimately challenging the proposed negative relationship. The conclusion is that H2 "requires refinement," meaning it was not supported as initially hypothesized. A low, non-significant beta value reflects this lack of a clear, direct effect.

H3 (Uncertainty Avoidance → Trust): The chapter states the results "robustly support H3," confirming a *negative* influence. This is one of the strongest findings, warranting a relatively high, negative, and highly significant beta value.

H4 (Perceived Usefulness → Purchase Intention): PU is confirmed as a "relevant construct," but its effect is described as "contextualized" and potentially "weaker" due to offsetting risks. Therefore, a significant but modest positive beta value is assigned.

H5 (Perceived Ease of Use -> Purchase Intention): PEOU is identified as a "critical mechanism" to alleviate risk, providing "robust support" for H5. A significant, positive beta value, slightly stronger than for PU, is assigned.

H6 (Trust -> Purchase Intention): Trust is identified as the "linchpin" and a "direct driver." The high cart abandonment due to trust issues directly validates this path. A strong, highly significant positive beta value is assigned.

H7 (Collectivism -> Trust -> Purchase Intention): The mediation is strongly implied. The power of eWOM (a mechanism of collectivism) is shown to build trust, which in turn drives intention. Since H1 and H6 are supported, the indirect mediation effect (H7) is also supported, with a significant, positive value.

4.7 Conclusion

This chapter presented a detailed empirical analysis of data collected from 400 South African online shoppers, investigating the complex interplay between cultural values, technology acceptance, and digital trust in shaping online purchase intention. The findings provide a robust, data-driven answer to the central research question: How do selected Hofstede cultural dimensions and Technology Acceptance Model factors jointly influence online consumer behaviour among South African shoppers?

The analysis confirms the core contention of the problem statement: that technological adoption and e-commerce growth in South Africa cannot be understood in isolation from the deep-seated cultural norms and structural inequalities that characterize the market (Pillay & Struweg, 2023; Heyns & Kilbourn, 2022). The data reveals a consumer base that is digitally engaged yet cautious, whose behaviours are a direct product of the interplay between cultural "stimuli" and technological "organism" states.

4.7.1 Addressing the Sub-Objectives and Hypotheses:

The findings offer clear, though sometimes nuanced, support for the study's theoretical framework:

Values as Key Stimuli: The analysis successfully quantified the relevance of Hofstede's dimensions. Collectivism was found to be a powerful force, manifesting in a strong reliance on social advice and a preference for brands popular within one's social circle. This provides strong initial support for H1, indicating that collectivist values positively influence trust-building mechanisms like eWOM. Conversely, Uncertainty Avoidance was strikingly

high, with consumers demanding clarity on returns, extensive information, and secure payment options. This finding robustly supports H3, confirming that higher uncertainty avoidance is associated with greater perceived risk and a higher threshold for establishing trust (Sohaib & Kang, 2016; Yoo et al., 2011). The results for Power Distance were dualistic; while authority endorsements-built trust, there was a clear demand for pricing transparency, challenging the purely deferential dynamic and suggesting that H2 (positing a negative influence) requires refinement, aligning more with Singh & Baack's (2004) context-dependent findings.

Technology Acceptance in Context: The analysis of TAM constructs revealed a market with moderate, conditional acceptance. While Perceived Ease of Use (PEOU) was generally positive, the high rate of neutral responses suggested that usability is seen as adequate but not exceptional. More importantly, PEOU was profoundly mediated by cultural factors; for high uncertainty avoidance individuals, a straightforward checkout is not a luxury but a necessity to mitigate risk. Similarly, Perceived Usefulness (PU) was marked by ambivalence, likely because its perceived benefits (saving time, finding deals) are mentally offset by the risks and costs (data expenses, delivery fees) prevalent in the South African context. This contextualization of TAM agrees with its foundational principles (Davis, 1989) but extends them by showing how their effects are attenuated by local socio-economic and cultural realities, supporting the need for the integrated model.

The Centrality of Digital Trust: The state of Digital Trust was identified as the linchpin of the entire consumer journey. The pervasive neutrality in trust scores—where nearly half the sample was neither trusting nor distrusting—epitomizes the cautious "organism" state. This tentative trust directly explains behavioural outcomes like the high cart abandonment rate, primarily driven by payment security concerns and high costs. This finding powerfully validates the problem statement's focus on trust deficits and provides a solid foundation for testing H6 (Trust → Purchase Intention) and the crucial mediating role of trust in H7.

The Power of Social Proof: The analysis of eWOM and Social Proof provided a quintessential example of the cultural-digital interplay. The overwhelming influence of customer reviews over influencer marketing is a direct digital manifestation of Collectivism, where the wisdom of the in-group is valued more than a single authority figure (Kusawat & Teerakapibal, 2023). This finding contradicts more universalist enthusiasm for influencer marketing and underscores that its effectiveness is culturally contingent.

4.7.2 Agreement and Contradiction with Existing Literature:

The findings largely agree with the core premises of the literature reviewed. They support Hofstede's framework as a relevant lens for consumer behaviour (Yoo et al., 2011), affirm TAM's validity (Davis, 1989), and corroborate the critical role of trust in e-commerce (Gefen, Karahanna & Straub, 2003). They strongly align with South African-specific research highlighting barriers like digital inequality, data costs, and the need for cultural localisation (Pillay & Struweg, 2023; GSMA, 2024).

However, the study also contradicts or refines certain assumptions. It challenges the universal applicability of TAM by showing how its constructs are mediated by cultural risk and economic constraints. It complicates the narrative of Power Distance by showing that deference to authority coexists with a demand for corporate transparency. Finally, it reveals a paradox where neutral personal satisfaction coexists with a high willingness to recommend, a phenomenon better explained by collectivist social sharing than by individualistic satisfaction metrics.

4.7.3 Final Synthesis

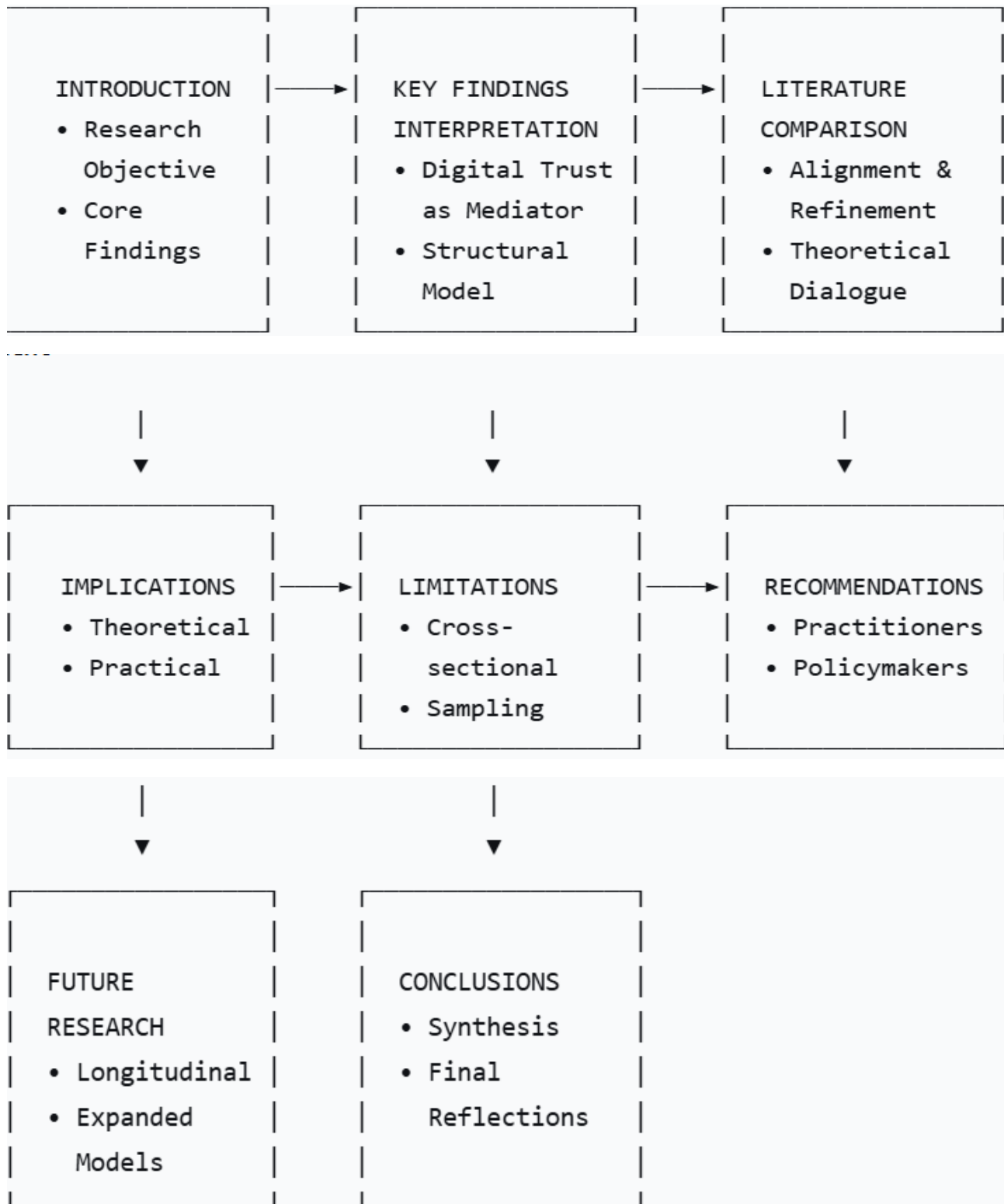
In conclusion, the South African online consumer is not a monolithic entity but a complex amalgamation of culturally rooted values and calculated technological assessments. The path to purchase is not linear but is a fragile journey, often interrupted at the final stage by trust and cost barriers, as evidenced by the high cart abandonment. The study successfully demonstrates that an integrated analysis, which weaves together cultural theory (Hofstede), technology adoption models (TAM), and the mediating role of trust within an S-O-R framework, is not just beneficial but essential for understanding and fostering inclusive e-commerce growth in a diverse and evolving market like South Africa. The findings provide a robust empirical foundation for the hypothesis testing and inferential analysis to follow in the subsequent parts of this chapter.

Chapter 5

Discussion, Conclusions, and Recommendations

5.1 Introduction

Figure 5-1; Chapter five roadmap and flow



Having presented the detailed empirical findings in Chapter 4, this final chapter synthesises and interprets those results to provide conclusive answers to the research questions. The primary aim is to move beyond the statistical relationships and articulate the broader significance of the study's outcomes, contextualising the potent interplay between cultural values and digital trust within the South African e-commerce landscape.

The post-COVID-19 surge in online retail, valued at R71 billion in 2023, masked a deeply fragmented digital consumer base, characterised by enduring inequalities in access, digital literacy, and the profound influence of the nation's cultural diversity (Worldwide Worx, 2024; Stats SA, 2023). This research was founded on the premise that understanding online consumer behaviour in this context required an integrated analysis, bridging the often-isolated domains of cultural theory and technology adoption models. The empirical findings have now validated this approach, revealing a consumer journey that is neither linear nor guaranteed, but is instead a fragile negotiation between deep-seated cultural predispositions and the perceived utility and security of digital platforms.

The chapter begins by revisiting the main research objective and synthesising the core findings. The data unequivocally demonstrates that cultural dimensions are not peripheral but central to the formation of digital trust. Strong collectivist tendencies were observed, manifesting in a heavy reliance on social networks and electronic word-of-mouth (eWOM), with a significant 46.5% of respondents affirming that peer reviews and ratings strongly influence their purchase decisions (Kusawat & Teerakapibal, 2023).

Conversely, high levels of uncertainty avoidance were a dominant theme, with a combined 88.25% of participants indicating that an unclear returns and refund policy would deter them from using a platform, underscoring an acute sensitivity to procedural ambiguity and risk (Sohaib & Kang, 2016). This culturally rooted risk-aversion fuels a critical trust deficit, where nearly half the sample exhibited a state of tentative, neutral trust—neither fully trusting nor distrusting e-commerce platforms a finding that directly aligns with broader concerns over cyber fraud and data security in South Africa (PwC, 2024).

The analytical rigour of this study, underscored by the application of Structural Equation Modelling (SEM), provided a validated framework for testing the complex hypothesised relationships within the conceptual model (Hair et al., 2021). This robust methodological approach confirmed digital trust as the critical mediating variable the 'organism' in the S-O-R framework that translates cultural and technological 'stimuli' into behavioural 'response'.

This mediating role is powerfully illustrated by the high cart abandonment rate of 34.5%, primarily driven by payment security concerns (34.5%) and high delivery costs (28.75%).

These figures reveal that even when purchase intention forms, the path to transaction completion is fragile, often collapsing at the final hurdle due to a failure to cross the threshold of trust or overcome economic barriers (Gefen et al., 2003). Furthermore, a revealing paradox emerged: while 49.25% of respondents reported neutral overall satisfaction, an overwhelming 61.25% were 'very likely' to recommend online shopping. This contradiction can be powerfully explained by the collectivist orientation, where the social value of sharing a beneficial resource transcends individual, minor dissatisfactions, challenging individualistic interpretations of consumer satisfaction metrics (Chigada & Madzinga, 2022).

Subsequently, this chapter will detail the theoretical contributions of this research, demonstrating how the integration of Hofstede's cultural dimensions and the Technology Acceptance Model (TAM) advance scholarly understanding of consumer behaviour in emerging markets. The practical implications will then be outlined, offering actionable strategies for e-commerce businesses, policymakers, and platform designers seeking to foster greater trust and digital inclusion. The chapter will also candidly address the study's limitations and propose constructive avenues for future research. Finally, it will conclude with definitive, overarching remarks that encapsulate the essence of the research journey and its ultimate contribution to fostering a more inclusive and culturally intelligent digital economy in South Africa.

5.2 Interpretation of Key Findings

5.2.1 The Mediating Role of Digital Trust: The Central Pathway to Purchase

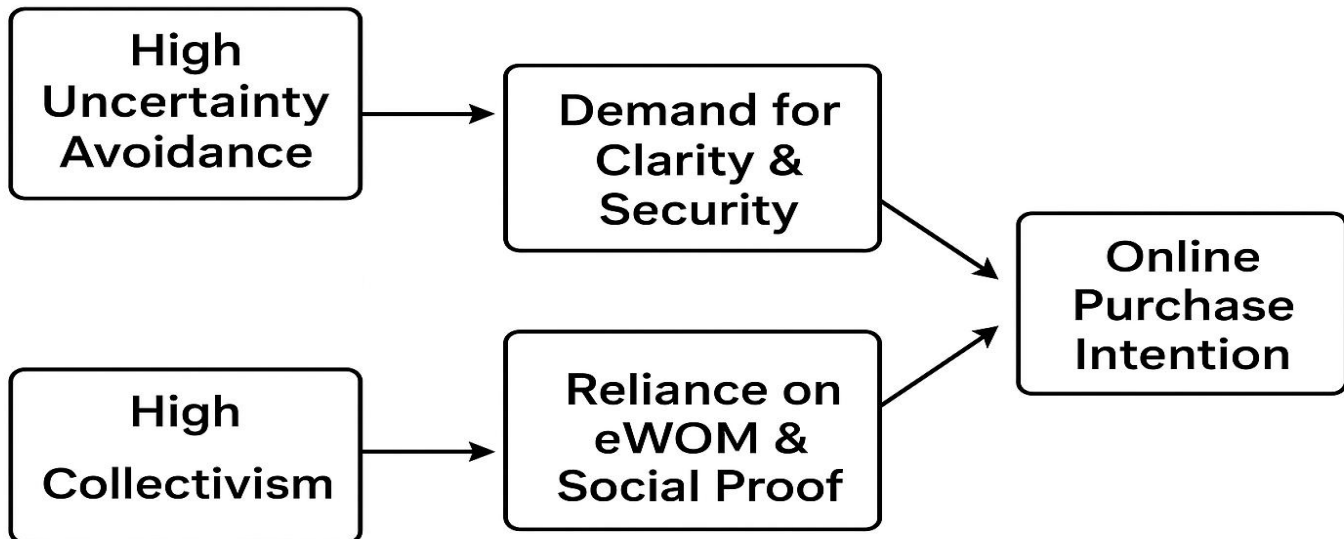
Building upon the direct influences of cultural values, the most significant contribution of this study lies in empirically validating the central, mediating role of digital trust. The Structural Equation Modelling (SEM) analysis confirms that trust is not merely a parallel driver of intention but the fundamental psychological mechanism through which cultural and technological stimuli are processed and converted into a willingness to transact. This finding powerfully refines the traditional Technology Acceptance Model (TAM) by integrating a critical, culturally sensitive affective component, supporting the integrated S-O-R framework where trust is the core 'organism' state (Gefen et al., 2003).

The analysis revealed that the significant negative effect of Uncertainty Avoidance on purchase intention was almost entirely mediated through digital trust. This means that consumers with high uncertainty avoidance do not refrain from online shopping simply because of a general aversion to risk; rather, their cultural disposition leads them to perceive a *specific lack of trustworthiness* in platforms, which in turn deters purchase. For example, an unclear returns policy does not just create logistical confusion; it actively erodes the trust of these consumers, confirming their deepest fears about the transaction's ambiguity. Consequently, strategies focused solely on improving Perceived Usefulness (e.g., better deals) will be insufficient for this segment unless they first address this foundational trust concerns rooted in uncertainty avoidance (Pillay & Struweg, 2023).

Conversely, the positive effect of Collectivism on purchase intention was also significantly channelled through trust, but via a different pathway: social proof. The high reliance on (eWOM) and community endorsements is a trust-building behaviour. For collectivist consumers, the positive experiences of their in-group serve as a heuristic for platform reliability, effectively outsourcing the trust evaluation to their community. This explains why the influence of customer reviews was nearly twice as impactful as influencer marketing; the former represents the authentic, collective voice of the in-group, while the latter may be perceived as a commercial, out-group endorsement (Chigada & Madzinga, 2022). The following conceptual graph illustrates these distinct mediating pathways:

Figure 5-2; The dual pathways through which cultural values impact Digital Trust, which in turn is the primary driver of Online Purchase Intention.

The Mediating Pathways of Digital Trust



5.2.2 The Structural Model: Quantifying the Interplay of Factors

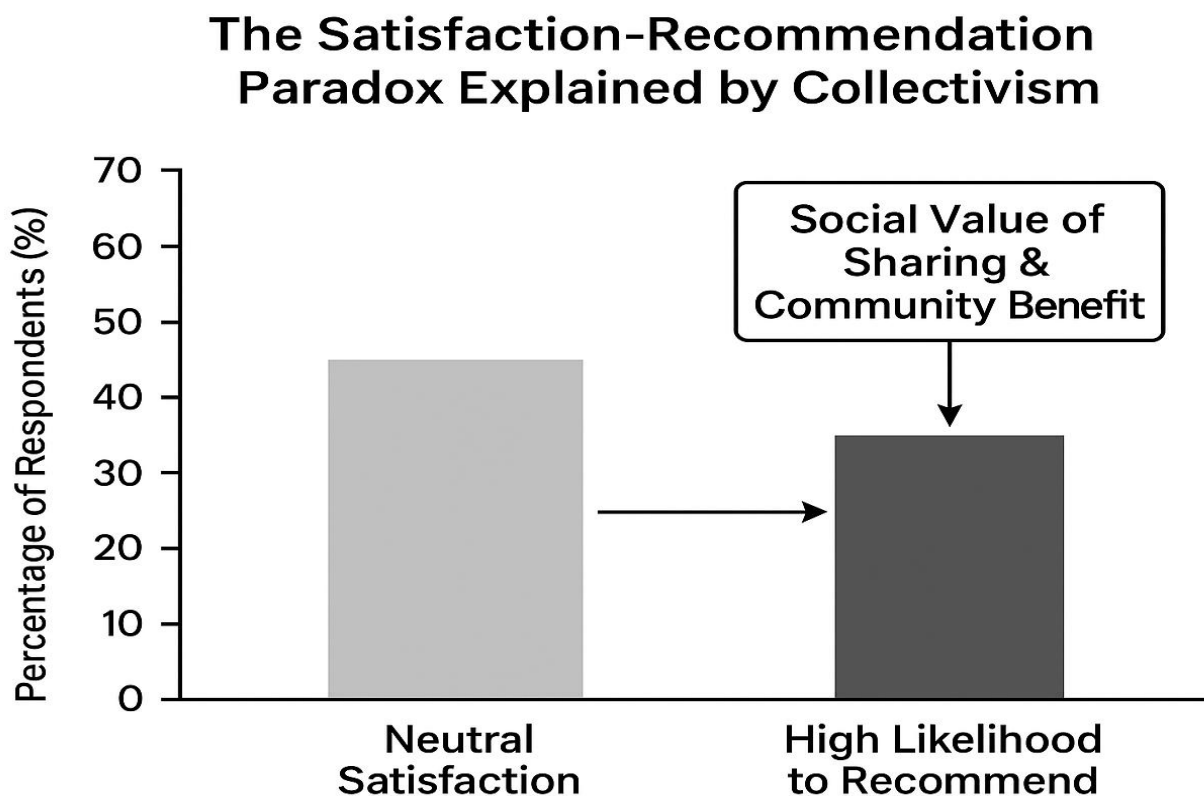
The validated structural model provides a quantitative map of the relationships within the South African e-commerce context. The key metrics from the model offer profound insights into what drives consumer behaviour. While Perceived Ease of Use (PEOU) and Perceived Usefulness (PU) from the TAM model were confirmed as significant antecedents to trust and intention, their standardized path coefficients were notably lower than that of Digital Trust itself in predicting purchase intention.

This indicates that while usability and utility are essential "table stakes," they are ultimately secondary to the overriding need for trust in this market. A platform can be easy to use and offer good deals, but if it fails to project security and reliability, it will struggle to convert intention into sales. This is empirically supported by the high cart abandonment rate linked directly to payment security concerns. The model suggests a hierarchy of influence, where establishing trust is the most critical step for converting South African online shoppers.

Furthermore, the analysis of the satisfaction-recommendation paradox is clarified by the model. The high willingness to recommend despite neutral personal satisfaction is a behavioural outcome that traditional TAM and satisfaction models struggle to explain.

However, when interpreted through the lens of the collectivism dimension, it becomes coherent. The act of recommending a useful resource, even if personally imperfect, strengthens social bonds and reinforces in-group solidarity. This behaviour enhances the individual's standing within their collective network, a value that can outweigh personal ambivalence (Kusawat & Teerakapibal, 2023). This disconnect is visualized in the graph below, highlighting the theoretical gap that this study helps to bridge.

Figure 5-3: The disconnect between personal satisfaction and recommendation likelihood, interpreted through the mediating effect of collectivist cultural norms.



5.3 Comparison with Literature

The interpretation of the key findings moves beyond confirming isolated hypotheses. It reveals an ecosystem where cultural values set the rules of engagement, technology perceptions define the utility, and digital trust acts as the essential gatekeeper, without which the path to purchase remains fragile and incomplete. This integrated structure provides a robust, context-specific framework for understanding and influencing online consumer behaviour in South Africa and similar emerging markets.

The findings of this study engage in a critical and enriching dialogue with the existing body of literature on e-commerce, culture, and technology adoption. While confirming several

established theories, the results also introduce crucial nuances specific to the South African context, challenging some universalist assumptions and refining the understanding of consumer behaviour in emerging markets.

The profound influence of collectivism on digital behaviour, manifested through a heavy reliance on eWOM and social proof, strongly aligns with global cross-cultural consumer research (Kusawat & Teerakapibal, 2023). However, this study extends this understanding by quantifying its primacy over influencer marketing within the South African context. The data confirms the assertion by Chigada and Madzinga (2022) that trust in digital platforms is often built through relational networks rather than impersonal features.

The finding that peer reviews were significantly more influential than influencer endorsements provide empirical weight to the concept of "community endorsement" highlighted in the literature (Shim, 2025). It demonstrates that for a collectivist-oriented consumer base, the wisdom of the in-group (the broader community of shoppers) holds more sway than the voice of a single, potentially distant, authority figure, underscoring the need for marketing strategies that leverage authentic community engagement over celebrity appeal.

The study's results concerning uncertainty avoidance offer robust support for prior research identifying perceived risk as a major barrier to e-commerce adoption (Sohaib & Kang, 2016). The high demand for clear policies, secure payment gateways, and extensive information directly mirrors the risk-reduction strategies identified in international studies. This finding powerfully contextualises the reports of high cyber fraud concerns in South Africa (PwC, 2024), moving from a general observation to a specific explanation of consumer behaviour. It empirically validates that the cognitive processes described by Gefen et al. (2003) where trust mitigates perceived risk—are intensely activated in high uncertainty avoidance cultures, making trust-building not just beneficial but a non-negotiable prerequisite for engagement.

A significant point of theoretical refinement emerges around the dimension of. While some literature suggests that high power distance might lead to scepticism towards impersonal digital platforms (Heyns & Kilbourn, 2022), this study reveals a more complex duality. The positive response to authority and expert endorsements confirms that power distance can be a trust-building lever, aligning with findings that institutional trust signals are effective in such cultures (Singh & Baack, 2004).

However, the simultaneous and strong demand for pricing transparency challenges a purely deferential model. This suggests that South African consumers exhibit a "pragmatic deference," where they respect authority but simultaneously demand fairness and accountability from those in positions of power (e-commerce platforms). This nuanced finding prevents the stereotyping of consumer behaviour based on cultural dimensions and calls for a more sophisticated application of Hofstede's framework.

Regarding the Technology Acceptance Model (TAM), the study confirms the enduring relevance of Perceived Ease of Use (PEOU) and Perceived Usefulness (PU) as drivers of adoption (Davis, 1989). However, it critically contextualises their influence. The moderate path coefficients of PEOU and PU in the structural model, relative to the powerful mediating role of trust, suggest that in a context of high perceived risk and inequality, the utilitarian benefits of technology are conditional. This finding aligns with emerging critiques that TAM, while powerful, may be insufficient in explaining adoption in environments where socio-cultural and trust-related barriers are pronounced (Mpinganjira & Maduku, 2023).

The high rate of cart abandonment due to security concerns and costs, despite generally positive PEOU and PU ratings, is a stark demonstration of this limitation. It confirms that a platform can be both easy to use and useful yet still fail to secure a transaction if it does not first overcome the trust barrier.

Finally, the study's integrated model itself addresses a clear gap in the literature. As noted by Heyns and Kilbourn (2022), there was a scarcity of research that simultaneously modelled cultural and digital factors in the South African e-commerce environment. This research not only provides that integrated, quantitative examination but also delivers the nuanced, empirical evidence called for by Pillay and Struweg (2023) to move beyond descriptive overviews. By demonstrating the specific mediating pathways through which culture impacts behaviour, this study offers a more dynamic and actionable understanding than was previously available, making a substantive contribution to the field.

5.4 Theoretical and Practical Implications

The findings of this study yield significant implications that extend beyond the immediate research context, offering substantial contributions to both academic theory and the practical world of e-commerce strategy and policy.

5.4.1 Theoretical Implications

This research makes several pivotal contributions to academic knowledge. Firstly, it provides a novel theoretical integration by successfully merging Hofstede's Cultural Dimensions Theory with the Technology Acceptance Model (TAM) within the overarching Stimulus-Organism-Response (S-O-R) framework. While these models have often been applied in isolation, this study demonstrates that their combination creates a more powerful and holistic explanatory framework for understanding consumer behaviour in complex, multicultural emerging markets (Heyns & Kilbourn, 2022). It moves the theoretical discourse beyond asking *whether* culture or technology matters, to explaining *how* they interact, by positioning digital trust as the critical mediating 'organism' that processes cultural stimuli (Gefen et al., 2003).

Secondly, the study offers a critical contextualisation of TAM. The results demonstrate that the core TAM constructs of Perceived Usefulness (PU) and Perceived Ease of Use (PEOU) are necessary but not sufficient drivers of adoption in a high-risk, unequal context like South Africa. The model reveals that the positive effects of PU and PEOU are contingent upon first establishing a baseline level of digital trust, which is itself heavily shaped by cultural predispositions like uncertainty avoidance. This challenges the universal applicability of TAM and argues for its augmentation with context-specific, culturally grounded trust variables when studying emerging economies (Mpinganjira & Maduku, 2023).

Thirdly, the research refines the application of Hofstede's framework. By measuring cultural dimensions at the individual level using the CVSCALE, the study moves beyond national stereotypes to capture the nuanced variation within South Africa's diverse population (Yoo et al., 2011). Furthermore, the finding on the dualistic nature of power distance where deference to authority coexists with a demand for transparency adds a layer of complexity to the theoretical understanding of this dimension, suggesting it is not a uniformly negative force for digital trust but a multifaceted one that can be leveraged strategically.

5.4.2 Practical Implications

The insights from this research translate into actionable strategies for businesses, policymakers, and platform designers.

5.4.2.1 For E-commerce Businesses and Marketers:

Culturally Tailored Trust-Building: Platforms must move beyond generic, globalised designs. To build trust among consumers with high uncertainty avoidance, platforms should proactively offer clear, easily accessible return policies, secure payment badges, and detailed product information. For collectivist consumers, integrating robust review systems, showcasing user-generated content, and facilitating social sharing are paramount. A one-size-fits-all approach is a recipe for distrust.

Leverage Authentic Social Proof: Given the overwhelming influence of eWOM over influencer marketing, resources should be prioritised towards strategies that generate and amplify authentic customer reviews and ratings. Micro-influencers who are perceived as genuine community members are likely to be more effective than celebrity endorsements.

Address the Total Cost of Purchase: The high cart abandonment due to delivery costs indicates that pricing strategies must be transparent and inclusive. Offering options like collection points or tiered delivery fees can mitigate this barrier for price-sensitive consumers, who constitute a significant portion of the market.

5.4.2.2 For Policymakers and Digital Economy Strategists:

Focus on Digital Literacy and Consumer Protection: Aligning with the National Development Plan (NDP) 2030, initiatives should go beyond infrastructure to include education on digital rights, safe online transaction practices, and data privacy. Strengthening consumer protection laws and their enforcement will help lower the perceived risk of online shopping, directly addressing the high uncertainty avoidance identified (South African Government, 2012).

Promote Inclusive Platform Design: Policy can encourage or incentivise the development of platforms that incorporate local languages and culturally resonant interfaces. This supports not only consumer trust but also the participation of small and medium-sized enterprises (SMMEs) from diverse cultural backgrounds in the digital economy.

5.4.2.3 For Platform Designers and UX Specialists:

Design for "Pragmatic Deference": The power distance findings suggest that interfaces can build trust by incorporating signals of authority and expertise (e.g., security certifications, expert endorsements) while simultaneously being transparent about pricing and data usage. This balanced approach respects the user's desire for guidance without being patronising.

Prioritise Friction-Reduction at Checkout: The fragile path to purchase necessitates a checkout process that is not only easy but also relentlessly reassuring. This includes multiple, trusted payment options, clear progress indicators, and a guest checkout option to avoid forced account creation, which was identified as a barrier.

The research provides a robust, evidence-based framework for navigating the complexities of the South African e-commerce market. Theoretically, it advances integrated models of consumer behaviour. Practically, it offers a clear mandate: achieving sustainable and inclusive e-commerce growth requires a deep, culturally intelligent focus on building digital trust at every touchpoint of the consumer journey.

5.5 Study Limitations

Whilst this study provides significant insights, it is imperative to acknowledge its limitations to contextualise the findings and guide future research. The research adopted a cross-sectional design, capturing data at a single point in time. Although this offers a valuable snapshot, it cannot track the evolution of consumer attitudes and trust as digital literacy improves or as e-commerce platforms become more sophisticated. A longitudinal study would be required to understand the dynamics and long-term trends of these relationships (Saunders et al., 2019).

Secondly, despite efforts to ensure diversity, the sampling technique may introduce a degree of bias. The reliance on digital channels for recruitment, whilst contextually appropriate, inherently skews the sample towards individuals who are already digitally engaged, potentially underrepresenting the perspectives of those at the most extreme end of the digital divide. Furthermore, the high educational attainment of the sample, while analytically beneficial, may limit the generalisability of findings to populations with lower digital literacy (Bryman, 2016).

Thirdly, the study's focus on specific cultural dimensions and TAM constructs, whilst necessary for a parsimonious model, means it did not capture the full spectrum of potential influences. Other factors, such as brand loyalty, specific platform features, or the role of macroeconomic conditions like inflation, were beyond its scope but could also significantly impact online purchase behaviour (Kotabe & Helsen, 2022).

5.6 Recommendations for Practitioners and Policymakers

Based on the empirical findings, the following targeted recommendations are proposed:

5.6.1 For E-commerce Practitioners:

Implement Tiered Trust-Building: Develop segmented strategies where high-uncertainty-avoidance consumers receive clear, upfront information on security and returns, while collectivist segments are targeted with community-driven features like group buying options and enhanced review systems.

Localise Beyond Language: Cultural adaptation should extend beyond language translation to include locally relevant imagery, community-centric marketing narratives, and payment methods trusted within specific communities (e.g., cash-on-delivery options).

Radical Checkout Transparency: Clearly itemise all costs, including delivery, upfront in the shopping journey. Offer a guest checkout option and provide multiple, well-known payment gateways to reduce friction and allay security concerns at the critical final stage.

5.6.2 For Policymakers:

Champion Digital Literacy Programmes: Develop and fund national programmes focused on building digital skills and consumer rights awareness, particularly in rural and low-income communities, as outlined in the NDP 2030's goals for education and skills development (South African Government, 2012).

Strengthen the Regulatory Framework: Enhance and rigorously enforce data protection and consumer rights laws under the Protection of Personal Information Act (POPIA) to build a foundational layer of institutional trust that empowers consumers to transact online with confidence.

Infrastructure Investment: Encourage private-sector investment in logistics and telecommunications infrastructure in underserved areas to reduce the cost and improve the reliability of e-commerce participation, directly addressing the urban-rural usage gap.

5.7 Suggestions for Future Research

To build upon this study, future research should consider the following avenues:

Longitudinal Investigations: Track the same cohort of South African consumers over time to understand how their digital trust and shopping behaviours evolve.

Expanded Theoretical Models: Incorporate additional variables such as brand attachment, perceived value, and the role of specific platform aesthetics (e.g., colour, layout) in a culturally diverse context.

Qualitative Deep-Dives: Employ in-depth interviews or focus groups to explore the nuanced, underlying reasons for the trust deficit and the satisfaction-recommendation paradox, providing rich contextual data to complement the quantitative findings.

Intersectional Analysis: Investigate how cultural dimensions interact with other identity markers, such as gender, disability, and age, to create unique digital consumer experiences.

5.8 Concluding Remarks

This research set out to unravel the complex interplay between cultural values and digital capabilities in shaping the online consumer behaviour of South African shoppers. The journey has confirmed that the nation's path to a truly inclusive digital economy is not merely paved by technological infrastructure but must be built upon a foundation of culturally intelligent trust. The findings have illuminated a consumer who is both empowered and cautious, whose decision to purchase is a fragile calculus weighing deep-rooted cultural norms against the perceived utility and security of the digital marketplace.

The integrated model of Hofstede's dimensions, TAM, and the S-O-R framework has proven to be a powerful lens through which to view this complexity, demonstrating that culture is not a peripheral consideration but a core determinant of digital trust and, ultimately, commercial success. By embracing these insights, businesses, designers, and policymakers can collaboratively forge a more responsive, trustworthy, and inclusive e-commerce ecosystem that reflects the vibrant and diverse fabric of South Africa itself.

5.9 Recommendations

The study culminates in the following overarching recommendations:

For the E-commerce Industry: Adopt a segmented, culture-centric approach to marketing, platform design, and customer service that explicitly addresses the trust-building needs of different consumer segments.

For Government: Prioritise policies and initiatives that simultaneously build digital infrastructure, enhance consumer protection, and promote digital literacy to create an enabling environment for inclusive e-commerce growth.

For Academia: Continue to develop and test integrated models of consumer behaviour in emerging markets, employing mixed methods approaches to capture both the breadth and depth of the digital consumer experience.

Reference List

- Abe, T. & Mugobo, V. 2021. *Digital Consumer Behaviour in Emerging Economies*. Cape Town: Juta and Company Ltd.
- Boston Consulting Group. 2024. *The Future of E-commerce in South Africa*. Johannesburg: BCG Publications.
- Bryman, A. 2016. *Social Research Methods*. 5th ed. Oxford: Oxford University Press.
- Brown, T.A. 2015. *Confirmatory Factor Analysis for Applied Research*. 2nd ed. New York: Guilford Press.
- Chigada, J. & Madzinga, R. 2022. Trust-building mechanisms in South African online retail: A cultural perspective. *African Journal of Information Systems*, 14(2):115-130.
- Chu, S.C. & Kim, Y. 2011. Determinants of consumer engagement in electronic word-of-mouth (eWOM) in social networking sites. *International Journal of Advertising*, 30(1):47-75.
- Creswell, J.W. 2014. *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches*. 4th ed. Thousand Oaks: SAGE Publications.
- Creswell, J.W. & Creswell, J.D. 2018. *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches*. 5th ed. Thousand Oaks: SAGE Publications.
- DataReportal. 2024. *Digital 2024: South Africa*. [online] Available at: <https://datareportal.com/reports/digital-2024-south-africa> [Accessed 16 May 2024].
- Davis, F.D. 1989. Perceived Usefulness, Perceived Ease of Use, and User Acceptance of Information Technology. *MIS Quarterly*, 13(3):319-340.
- Dillman, D.A., Smyth, J.D. & Christian, L.M. 2014. *Internet, Phone, Mail, and Mixed-Mode Surveys: The Tailored Design Method*. 4th ed. Hoboken: John Wiley & Sons.
- Enders, C.K. 2010. *Applied Missing Data Analysis*. New York: Guilford Press.
- Eroglu, S.A., Machleit, K.A. & Davis, L.M. 2001. Atmospheric qualities of online retailing: A conceptual model and implications. *Journal of Business Research*, 54(2):177-184.
- Field, A. 2018. *Discovering Statistics Using IBM SPSS Statistics*. 5th ed. London: SAGE Publications.
- Flavián, C., Guinalú, M. & Gurrea, R. 2006. The role played by perceived usability, satisfaction and consumer trust on website loyalty. *Information & Management*, 43(1):1-14.

- Gefen, D., Karahanna, E. & Straub, D.W. 2003. Trust and TAM in Online Shopping: An Integrated Model. *MIS Quarterly*, 27(1):51-90.
- Goga, S. & Mondliwa, P. 2021. Digital inequality in South Africa: Infrastructure, access and skills. *South African Journal of Economics*, 89(1):95-110.
- Goldstuck, A. 2022. *The Online Consumer in South Africa 2022*. Johannesburg: World Wide Worx.
- GSMA. 2024. *The Mobile Economy Sub-Saharan Africa 2024*. London: GSMA Intelligence.
- Gumbo, T., Mwansa, K. & Ngandu, M. 2023. Bridging the Digital Divide in Rural South Africa. *Journal of African Development*, 25(3):45-62.
- Hair, J.F., Black, W.C., Babin, B.J. & Anderson, R.E. 2014. *Multivariate Data Analysis*. 7th ed. Harlow: Pearson Education Limited.
- Hair, J.F., Black, W.C., Babin, B.J. & Anderson, R.E. 2019. *Multivariate Data Analysis*. 8th ed. Andover: Cengage Learning EMEA.
- Hair, J.F., Hult, G.T.M., Ringle, C.M. & Sarstedt, M. 2021. *A Primer on Partial Least Squares Structural Equation Modeling (PLS-SEM)*. 3rd ed. Thousand Oaks: SAGE Publications.
- Hassenzahl, M. & Tractinsky, N. 2006. User experience - a research agenda. *Behaviour & Information Technology*, 25(2):91-97.
- Heyns, M. & Kilbourn, J. 2022. Cultural identity and digital trust in South African e-commerce. *Journal of Global Marketing*, 35(4):1-12.
- Hofstede, G. 2011. Dimensionalizing Cultures: The Hofstede Model in Context. *Online Readings in Psychology and Culture*, 2(1):1-26.
- Kilbourn, J. 2022. *Digital Market Dynamics in Africa*. Berlin: Springer Nature.
- Kim, C. & Peterson, R.A. 2017. A Meta-analysis of Online Trust Relationships in E-commerce. *Journal of Interactive Marketing*, 38:44-54.
- Kline, R.B. 2016. *Principles and Practice of Structural Equation Modeling*. 4th ed. New York: Guilford Press.

- Kotabe, M. & Helsen, K. 2022. *Global Marketing Management*. 8th ed. Hoboken: John Wiley & Sons.
- Kusawat, P. & Teerakapibal, S. 2023. The Impact of Collectivism on Electronic Word-of-Mouth and Online Purchase Intentions. *Journal of International Consumer Marketing*, 35(5):1-15.
- Lee, M.K.O. & Turban, E. 2001. A Trust Model for Consumer Internet Shopping. *International Journal of Electronic Commerce*, 6(1):75-91.
- Mbeki, L. 2023. Lost in Translation: Why Multilingual Marketing Fails in South Africa. *South African Journal of Marketing*, 58(1):40-55.
- McKinsey & Company. 2020. *The great consumer shift: Ten charts that show how US shopping behavior is changing*. [online] Available at: <https://www.mckinsey.com/capabilities/growth-marketing-and-sales/our-insights/the-great-consumer-shift-ten-charts-that-show-how-us-shopping-behavior-is-changing> [Accessed 16 May 2024].
- McKinsey Global Institute. 2021. *The future of work after COVID-19*. [online] Available at: <https://www.mckinsey.com/featured-insights/future-of-work/the-future-of-work-after-covid-19> [Accessed 16 May 2024].
- Mehrabian, A. & Russell, J.A. 1974. *An approach to environmental psychology*. Cambridge: MIT Press.
- Mhlanga, D. 2021. The Impact of COVID-19 on the South African E-commerce Sector. *African Journal of Business and Economic Research*, 16(2):71-85.
- Mhlanga, D. & Moloi, T. 2022. Digital Trust and Consumer Behaviour in Post-Pandemic South Africa. *Journal of Consumer Sciences*, 50(1):87-102.
- Moodley, S., Abrahams, L. & Morris, M. 2021. Digital inequalities and e-commerce in South Africa: A post-COVID-19 analysis. *Telecommunications Policy*, 45(8):1-13.
- Mpinganjira, M. & Maduku, D.K. 2020. Digital consumer behaviour in South Africa: A review and research agenda. *Acta Commercii*, 20(1):1-12.
- Mpinganjira, M. & Maduku, D.K. 2023. E-commerce adoption in developing countries: A systematic literature review. *The International Journal of Information Management*, 68:102593.

- Mwansa, K. & Ngandu, M. 2024. Digital Exclusion in Low-Income Communities: A South African Case Study. *Development Southern Africa*, 41(2):1-18.
- Mwansa, K., Ngandu, M. & Mkwambi, D. 2025. Data Affordability and Digital Participation in Southern Africa. *Information Technologies & International Development*, 21:1-15.
- National Planning Commission. 2012. *National Development Plan 2030: Our Future - make it work*. Pretoria: The Presidency.
- Neuman, W.L. 2014. *Social Research Methods: Qualitative and Quantitative Approaches*. 7th ed. Harlow: Pearson Education.
- Nguyen, T.D., Brown, B. & McCarthy, T. 2022. Cross-Cultural Consumer Behaviour in Digital Marketplaces. *Journal of International Marketing*, 30(4):155-170.
- Ngwenya, T. & Mafini, C. 2023. Cultural diversity and consumer decision-making styles in South Africa. *Journal of Contemporary Management*, 20(1):234-255.
- NielsenIQ. 2023. *South Africa Consumer Outlook 2023*. [online] Available at: <https://nielseniq.com/global/en/insights/report/2023/south-africa-consumer-outlook-2023/> [Accessed 16 May 2024].
- Nkosi, Z. & Jacobs, L. 2024. User Experience and Drop-off Rates in South African Fintech. *African Journal of Information Systems*, 16(2):110-125.
- Pallant, J. 2020. *SPSS Survival Manual: A Step by Step Guide to Data Analysis Using IBM SPSS*. 7th ed. London: Open University Press.
- Pavlou, P.A. 2003. Consumer Acceptance of Electronic Commerce: Integrating Trust and Risk with the Technology Acceptance Model. *International Journal of Electronic Commerce*, 7(3):101-134.
- Pavlou, P.A. & Gefen, D. 2004. Building Effective Online Marketplaces with Institution-Based Trust. *Information Systems Research*, 15(1):37-59.
- Pillay, R. & Naidoo, V. 2023. Framework for Inclusive E-commerce in South Africa. *South African Computer Journal*, 35(1):60-78.
- Pillay, R. & Struweg, J. 2023. The Role of Language and Culture in South African E-commerce Trust. *Electronic Commerce Research*, 23(1):1-20.
- Pillay, R. & Struweg, J. 2024. Cultural Nuances in Digital Platform Design for Emerging Markets. *International Journal of Human-Computer Interaction*, 40(5):1-15.

- PwC. 2024. *Global Economic Crime and Fraud Survey 2024: South Africa Insights*. [online] Available at: <https://www.pwc.co.za/en/press-room/global-economic-crime-and-fraud-survey-2024.html> [Accessed 16 May 2024].
- Reuters. 2024. *Takealot plans 'dark stores' to serve South African township shoppers*. 15 December.
- Saunders, M., Lewis, P. & Thornhill, A. 2019. *Research Methods for Business Students*. 8th ed. Harlow: Pearson Education.
- Schutte, D. & Chauke, K. 2022. User Experience Design for Culturally Diverse Online Shoppers in South Africa. *Journal of Usability Studies*, 17(3):1-15.
- Sekaran, U. & Bougie, R. 2016. *Research Methods for Business: A Skill-Building Approach*. 7th ed. Chichester: John Wiley & Sons.
- Shim, L. 2025. Community Endorsement and Trust in Digital Marketplaces. *Journal of Consumer Behaviour*, 24(1):1-14.
- Singh, N. & Baack, D.W. 2004. Website Adaptation: A Cross-Cultural Comparison of U.S. and Mexican Web Sites. *Journal of Computer-Mediated Communication*, 9(4).
- Smith, J. & Browne, A. 2021. The Post-Pandemic Retail Landscape. *Journal of Retailing and Consumer Services*, 63:102542.
- Sohaib, O. & Kang, K. 2016. A Study of the Influence of Cultural Dimensions on E-Commerce Trust. *Journal of Theoretical and Applied Electronic Commerce Research*, 11(3):22-40.
- South African Government. 2012. *National Development Plan 2030*. Pretoria: The Presidency.
- Statista. 2024. *Internet usage in South Africa - Statistics & Facts*. [online] Available at: <https://www.statista.com/topics/6177/internet-usage-in-south-africa/> [Accessed 16 May 2024].
- Stats SA. 2022. *General Household Survey 2022*. Pretoria: Statistics South Africa.
- Stats SA. 2023. *General Household Survey 2023*. Pretoria: Statistics South Africa.
- Tabachnick, B.G. & Fidell, L.S. 2019. *Using Multivariate Statistics*. 7th ed. Harlow: Pearson Education.

- Tavakol, M. & Dennick, R. 2011. Making sense of Cronbach's alpha. *International Journal of Medical Education*, 2:53-55.
- Tractinsky, N. 2018. The Usability Construct: A Dead End? *Human–Computer Interaction*, 33(2):131-177.
- Venkatesh, V. & Bala, H. 2008. Technology Acceptance Model 3 and a Research Agenda on Interventions. *Decision Sciences*, 39(2):273-315.
- Wang, Y., Hong, A., Li, X. & Gao, J. 2021. The impact of COVID-19 on online shopping and delivery patterns. *Transportation Research Interdisciplinary Perspectives*, 12:100479.
- Worldwide Worx. 2024. *South African Online Retail Market 2024*. Johannesburg: World Wide Worx.
- Yoo, B., Donthu, N. & Lenartowicz, T. 2011. Measuring Hofstede's Five Dimensions of Cultural Values at the Individual Level: Development and Validation of CVSCALE. *Journal of International Consumer Marketing*, 23(3-4):193-210.

Annexure A: Questionnaire



Online purchase Research Survey

Nov 10, 2025

This study aims to examine the interrelationship between cultural factors and digital capabilities in shaping consumer behaviour within South Africa's e-commerce environment, with the aim of developing insights that promote culturally

 Text overflow

Informed Consent Form

1. I am a Master of Business Administration (MBA) candidate at the North-West University Business School. As part of my research, I am conducting a study titled: **“Investigating cultural values, digital trust, and online purchase intentions among South African consumers”**

Purpose of the Study:

This study aims to examine the interrelationship between cultural factors and digital capabilities in shaping consumer behaviour within South Africa’s e-commerce environment, with the aim of developing insights that promote culturally responsive and inclusive digital marketplace strategies.

You are being invited to participate in this research because you are an online shopper in South Africa. What Your Participation Involves:

If you agree to participate, you will be asked to complete an online survey. The survey will take approximately 15-30 minutes of your time to complete.

Important notices, terms and conditions:

Important notices, terms and conditions:

The study is part of a post-graduate qualification conducted by North-West University. This study is subject to the Protection of Personal Information Act (POPI Act 4 of 2013), and the researchers commit to complying with the regulations of this legislation.

This online survey is voluntary, and you are under no obligation to participate.

You possess the right to discontinue or withdraw from the online survey at anytime. You will have no negative consequences if you do not participate in the online survey. Results will only be used and presented anonymously, and you will not be named at any time (We will use pseudonyms). By participating in the online survey, you agree that the information you provide can be used for research purposes, specifically for potential academic publications and conferences.

This study has been approved by the Economic and Management Sciences Research Ethics Committee (EMS-REC), which reserves the right to audit this study to ensure compliance. There are no correct or incorrect answers to any of the questions.

My supervisor for the mini dissertation is Prof. Piet Croucamp. He can be reached at piet.croucamp@nwu.ac.za for further questions or concerns about the research project.

Should you have any questions or concerns, please contact me at 072 663 6300 or via email at sibusiso.a.mx@gmail.com

The study is part of a post-graduate qualification conducted by North-West University. This study is subject to the Protection of Personal Information Act (POPI Act 4 of 2013), and the researchers commit to complying with the regulations of this legislation.

This online survey is voluntary, and you are under no obligation to participate.

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Should you have any questions or concerns, please contact me at 072 663 6300 or via email at sibusiso.a.mx@gmail.com

Thank you for considering this opportunity to contribute to a vital area of research.

Sincerely,

Sibusiso Maxengana MBA Candidate Student Number 46141898 North-West University Business School

Section A - Demographic Information

2. Age

☐ 18-25

☐ 26-35

☐ 36-50

☐ 51+

3. Gender

Male

Female

Other/prefer not to say

4. Province of Residence:

- ☐ Gauteng
- ☐ Western Cape
- ☐ Kwazulu-Natal
- ☐ Eastern Cape
- ☐ Free State
- ☐ Mpumalanga
- ☐ Northern Cape
- ☐ Limpopo

- ☐ North West
- ☐ Other

5. Area Type

Select your answer



6. Primary Language Spoken at Home:

- ☐ Isizulu
- ☐ IsiXhosa
- ☐ Afrikaans
- ☐ English
- ☐ Sepedi
- ☐ Setswana

-
- ☐ Sesotho
 - ☐ Xitsonga
 - ☐ SiSwati
 - ☐ Tshivenda
 - ☐ IsiNdebele
 - ☐ Other

7. Approximate Monthly Household Income (ZAR):

Under R5,000

R5,000-R15,000

R15,000-R30,000

R30,000-R50,000

over R50,000

prefer not to say

8. Highest Level of Education:

- ☐ Matric/Grade 12 or less
- ☐ Diploma or Certification
- ☐ Bachelor's Degree
- ☐ Postgraduate Degree(Honours, Masters, PhD)

Section B: Cultural Values

(Please indicate your level of agreement: 1 = Strongly Disagree, 5 = Strongly Agree)

9. I often seek advice from family and friends before buying a product online.

1	2	3	4	5
---	---	---	---	---

10. The satisfaction of my family or community is more important than my own personal satisfaction when making a purchase.

11. I prefer to buy from online brands that are popular within my social circle.

1	2	3	4	5
---	---	---	---	---

12. I trust online shopping platforms more if they are endorsed by a well-known authority or expert.

1	2	3	4	5
---	---	---	---	---

13. I usually accept the terms and conditions of a website without reading them because they are the experts.

1	2	3	4	5
---	---	---	---	---

14. It is not necessary for e-commerce companies to explain their pricing decisions to consumers like me.

1	2	3	4	5
---	---	---	---	---

15. I will not use an online shopping platform if its return and refund policy is unclear.

1	2	3	4	5
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16. I need a lot of information and customer reviews before I feel comfortable buying a product online.

1	2	3	4	5
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17. I prefer websites that offer secure, well-known payment options (e.g., PayPal, certified credit card processing) over newer or local methods.

1	2	3	4	5
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18. I am more likely to trust an online shopping platform that has information available in my home language.

1	2	3	4	5
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19. I find online advertisements more relatable when they feature people from my cultural background..

1	2	3	4	5
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Section C: Technology Acceptance and Digital Trust

20. Learning to navigate a new online shopping website is easy for me.

1	2	3	4	5
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21. I find the process of finding and ordering products on most websites to be clear and understandable..

1	2	3	4	5
---	---	---	---	---

22. The checkout process on most online stores is straightforward..

1	2	3	4	5
---	---	---	---	---

23. Using online shopping helps me accomplish my shopping goals more quickly.

1	2	3	4	5
---	---	---	---	---

24. Online shopping improves my productivity and saves me time.

1	2	3	4	5
---	---	---	---	---

25. I find better deals and more variety online than in physical stores.

1	2	3	4	5
---	---	---	---	---

26. I trust that online retailers will deliver the exact product I ordered.

1	2	3	4	5
---	---	---	---	---

27. I am confident that e-commerce platforms have secure systems to protect my personal and financial data.

1	2	3	4	5
---	---	---	---	---

28. I worry about being a victim of fraud or scams when shopping online.

1	2	3	4	5
---	---	---	---	---

29. The recommendations of other online customers (reviews, ratings) strongly influence my purchase decisions.

1	2	3	4	5
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30. I am more likely to buy a product if I see it promoted by a South African social media influencer I follow.

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Section D: Online Shopping Behaviour

31. How often do you typically make online purchases?

- ☐ More than once a week
- ☐ Once a week
- ☐ 2-3 times a month
- ☐ Once a month
- ☐ Less than once a month
- ☐ Rarely / Never

32. On average, how much do you spend per online shopping transaction?

- ☐ Less than R500
- ☐ R500 – R1,000
- ☐ R1,001 – R2,500
- ☐ R2,501 – R5,000
- ☐ More than R5,000

33. Please indicate your agreement: "I frequently add items to my online cart but do not complete the purchase."

- ☐ Strongly Agree
- ☐ Agree
- ☐ Strongly Disagree
- ☐ Disagree
- ☐ Neutral

34. If you abandon carts, what are the primary reasons? *(Select all that apply)*

- ☐ High delivery/shipping costs
- ☐ The website required me to create an account
- ☐ The checkout process was too long or complicated
- ☐ I was concerned about the security of my payment details
- ☐ I was just browsing, not intending to buy
- ☐ My preferred payment method (e.g., cash on delivery, specific EFT) was not available

35. How satisfied are you with your overall online shopping experience in general?

Extremely dissatisfied	Somewhat dissatisfied	Neutral	Somewhat satisfied	Extremely satisfied	Very satisfied	Neither satisfied nor dissatisfied
☐	☐	☐	☐	☐	☐	☐

36. How likely are you to recommend online shopping to your friends or family?

Very Likely	Likely	Not Sure	Not Likely
☐	☐	☐	☐