



"The Strategic Impact of Social Media Influencers on Digital Consumer Decision-Making: An Empirical Investigation into Smartphone Purchasing Patterns in North Karnataka"

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Abstract

This study investigates the strategic impact of social media influencers on digital consumer decision-making, with a specific focus on smartphone purchasing patterns in North Karnataka. Through a Scopus-based literature review, the research employs topic modeling, trend analysis using Voyant Tools, and bibliometric visualization with VOSviewer to identify key influencer attributes affecting consumer behavior. The findings highlight that influencer credibility, engagement strategies, and content personalization significantly shape purchasing decisions. The trend analysis reveals a rising influence of digital endorsements, while bibliometric analysis underscores the growing academic interest in influencer marketing. This study contributes to the literature by integrating data-driven methodologies for analyzing digital marketing strategies in regional contexts. While limited to smartphone purchases in North Karnataka, the study provides a foundation for future research on regional influencer marketing dynamics, AI-driven personalization, and ethical influencer practices. The insights are valuable for marketers, researchers, and policymakers in the digital economy.



Keywords: *Social Media Influencers, Digital Consumer Behavior, Smartphone Purchasing Patterns, Topic Modeling, Trend Analysis, Bibliometric Analysis, North Karnataka*

Introduction

The rapid proliferation of social media has transformed the global marketing landscape, with digital influencers playing a pivotal role in shaping consumer purchase decisions. Social media influencers leverage their credibility, expertise, and online presence to affect consumer behavior, making influencer marketing an essential strategy for businesses (Khamis, Ang, & Welling, 2017). In the smartphone industry, where consumer choices are influenced by brand perception, peer reviews, and technological advancements, social media influencers serve as key drivers of purchase intent (Lou & Yuan, 2019). North Karnataka, a region witnessing growing digital adoption, presents an emerging market where the influence of social media marketing on consumer behavior requires empirical examination.

Theoretical Background

This study is grounded in **the Theory of Planned Behavior (TPB)**, which suggests that consumer intentions and behaviors are influenced by attitudes, subjective norms, and perceived behavioral control (Ajzen, 1991). Additionally, **the Source Credibility Theory** posits that the trustworthiness, expertise, and attractiveness of influencers significantly impact consumer engagement (Ohanian, 1990). Research indicates that consumers rely on influencers as trusted sources, particularly in industries where product specifications and reviews influence buying decisions (Kapitan & Silvera, 2016). Given that smartphone purchases are often high-involvement decisions, understanding the psychological mechanisms behind influencer persuasion is crucial.

Statement of the Problem

Despite the increasing reliance on influencer marketing, there remains a gap in understanding its precise impact on **regional consumer behavior**, particularly in semi-urban and developing areas like North Karnataka. While studies have explored influencer marketing's effects globally (Sudha & Sheena, 2017), limited research has examined how consumers in emerging Indian markets interact with social media influencers when making smartphone purchase decisions. Additionally, concerns regarding **misleading endorsements, authenticity, and consumer skepticism** pose challenges for businesses in leveraging influencers effectively (Schouten, Janssen, & Verspaget, 2020). This study seeks to bridge this gap by investigating the strategic impact of influencer marketing on consumer decision-making in North Karnataka's smartphone market.



Trends, Issues, and Challenges

The smartphone industry is highly competitive, with brands aggressively utilizing digital influencers to enhance market penetration. **Trends indicate a shift from traditional advertising to influencer-driven marketing campaigns**, leveraging platforms such as Instagram, YouTube, and Twitter (De Veirman, Cauberghe, & Hudders, 2017). However, **issues such as fake followers, paid promotions lacking transparency, and declining consumer trust in influencer recommendations** challenge the effectiveness of this strategy (Jin, Muqaddam, & Ryu, 2019). Moreover, consumers are increasingly adopting a **critical approach toward influencer content**, making it imperative for brands to foster ethical influencer collaborations.

Significance and Scope

This study holds **significant implications for marketers, businesses, and policymakers**, offering insights into the effectiveness of influencer marketing in influencing smartphone purchases in North Karnataka. By examining the interplay between **influencer credibility, content engagement, and consumer trust**, the findings will aid businesses in optimizing their digital marketing strategies. The research will also contribute to **consumer behavior literature in emerging markets**, highlighting **regional purchasing patterns and preferences** in India.

Limitations

While this study provides valuable insights, certain limitations must be acknowledged. The research is confined to **North Karnataka**, and findings may not be entirely generalizable to other regions with different digital penetration rates. Additionally, **self-reported consumer perceptions** may introduce biases, and rapidly evolving **social media algorithms and influencer strategies** could impact results. Future studies should explore comparative analyses across different Indian states and incorporate **qualitative methodologies** for deeper insights.

Literature Review

Influencer Marketing and Digital Consumer Decision-Making

Digital Consumer Decision-Making has become a focal point of modern marketing strategies, with **Social Media Advertising Exposure** playing a crucial role in influencing consumer choices. Studies indicate that **Influencer Credibility**, particularly in terms of **trustworthiness, expertise, and attractiveness**, significantly impacts **Consumer Trust in Influencers**, thereby shaping purchase intentions (Turlapati et al., 2024). The increasing dependence on digital platforms for information has made **Content Quality**, including



informativeness, entertainment, and emotional appeal, a critical determinant of consumer purchasing patterns (Madhura et al., 2023).

Research suggests that **Influencer Engagement** metrics such as **likes, comments, shares, and follower count** contribute to **Social Proof (Peer Influence & Reviews)**, reinforcing consumer perceptions of product credibility (Nathan et al., 2023). A systematic review by Bhardwaj et al. (2024) emphasizes that **Perceived Brand Value** mediates the relationship between **Influencer Credibility** and **Digital Consumer Decision-Making**, illustrating how brand associations shape purchasing tendencies. The integration of AI-driven predictive analytics and consumer behavior modeling further strengthens **Consumer Trust in Influencers**, enhancing the effectiveness of social media endorsements (Devaraja & Ramya, 2024).

Social Media Advertising Exposure is particularly influential in regional markets, where smartphone adoption and digital literacy levels vary. Gowda et al. (2021) found that **Brand Familiarity** moderates the impact of influencer marketing on **Digital Consumer Decision-Making**, as prior knowledge of a brand influences how consumers perceive influencer recommendations. Bharathi and Kumar (2023) explored the connection between **Price Sensitivity** and impulse buying behavior, noting that **Economic Factors** such as income level and affordability play a crucial role in determining consumer responses to influencer promotions.

The effectiveness of influencer marketing is also linked to **Consumer Digital Literacy**, which affects the ability to critically evaluate online content. Dahiya and Gayatri (2018) highlighted that consumers with higher digital literacy are more discerning in assessing **Influencer Engagement** and **Content Quality**, leading to informed purchasing decisions. Similarly, Gawade (2023) found that **Perceived Influence of Social Media Trends** drives purchasing behavior, particularly among Gen Z consumers who exhibit a strong preference for trend-driven marketing strategies.

The role of **Brand Loyalty** in **Digital Consumer Decision-Making** has been extensively studied. Gupta et al. (2024) found that repeat purchase behavior and advocacy are key indicators of brand loyalty, with influencers playing a pivotal role in fostering long-term consumer relationships. Rathna and Sumathy (n.d.) explored ethical considerations in digital marketing, emphasizing the need for transparency in influencer partnerships to maintain **Consumer Trust in Influencers**. The findings of Gurunathan and Lakshmi (2025) suggest that generational differences influence **Emotional Connection to Influencers**, with younger consumers displaying higher levels of identification and relatability.

Despite the growing reliance on influencer marketing, studies highlight its limitations. Nithya and Dhanush (n.d.) found that while internet penetration has increased online shopping



adoption, **Regional Preferences** such as language and cultural influences impact how consumers engage with influencer content. Mohanty (2021) argued that **Competitor Advertising & Promotions** significantly affect consumer choices, reducing the exclusive impact of influencer endorsements. These findings underscore the need for brands to integrate influencer marketing with other promotional strategies to maximize effectiveness.

Emerging research on **Social Proof (Peer Influence & Reviews)** suggests that consumer reliance on peer recommendations enhances the credibility of influencer content (Sinha & Srivastava, 2023). Tarnanidis (2024) investigated the role of virtual influencers and the metaverse in shaping **Digital Consumer Decision-Making**, revealing that interactive digital experiences further strengthen **Perceived Brand Value**.

Dharma et al. (2024) explored how **Generation Z**, as digital natives, relies on **Social Media Advertising Exposure** and influencer endorsements, emphasizing the importance of **Social Proof (Peer Influence & Reviews)** in their purchasing decisions. Similarly, Konale et al. (2025) demonstrated the impact of virtual fitting rooms on **Digital Consumer Decision-Making**, highlighting the growing role of interactive content in driving engagement.

Research by Paul et al. (2023) on social media's impact on purchasing patterns found that **Emotional Connection to Influencer** is a key determinant of consumer loyalty. Madhura et al. (2024) examined digital consumerism among women, emphasizing that **Economic Factors** such as affordability and mobile marketing strategies influence purchasing behavior in Southern India.

Affiliate marketing has also gained prominence in influencer-driven campaigns. Jyotsna et al. (2024) analyzed consumer trust in influencer recommendations, demonstrating the importance of credibility in digital advertising. Goldwin et al. (2021) explored the role of social media in apparel purchases, finding that Twitter users frequently base their buying decisions on influencer endorsements.

Ahuja and Tabeck (2024) discussed how social media marketing enhances **Brand Loyalty** and consumer trust, particularly in the FMCG sector. Sampath and Gopika (2023) analyzed the impact of social media on operations management, highlighting the strategic importance of digital marketing in shaping consumer perceptions.

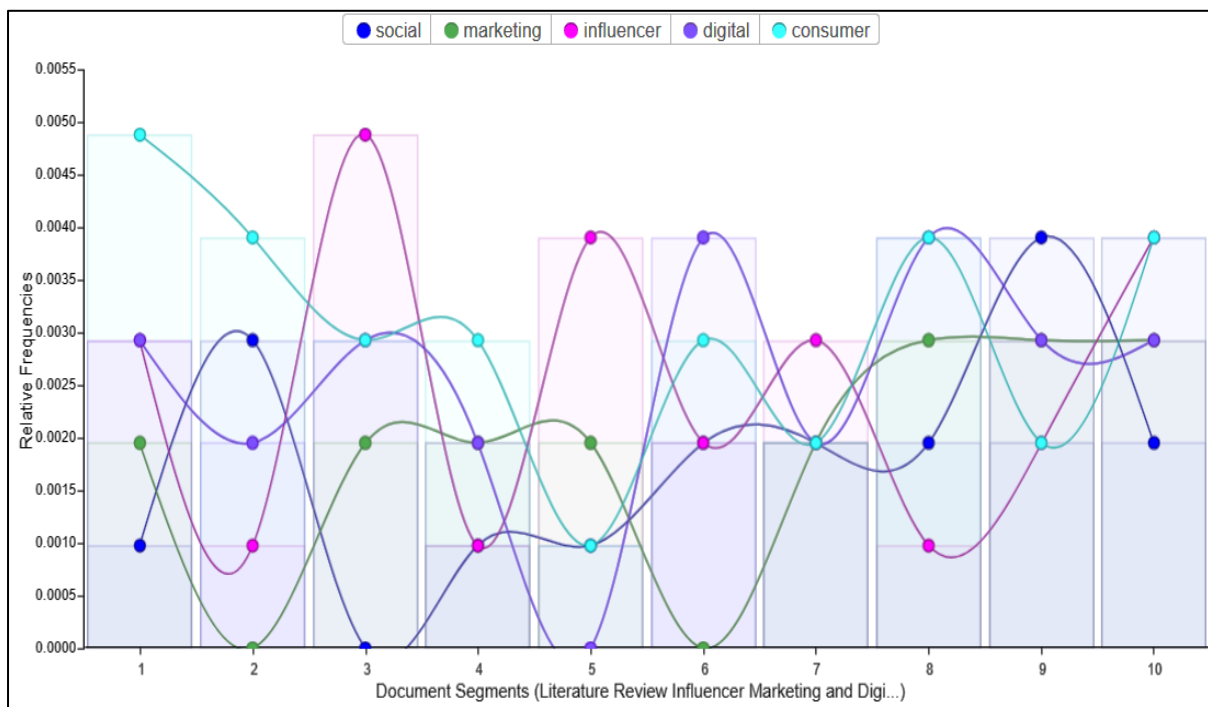
The broader impact of digital advertising on **Digital Consumer Decision-Making** has been widely studied. Sebastian et al. (2021) examined YouTube advertisements' influence on purchase intentions, while Parmar et al. (2023) highlighted the role of **Consumer Digital Literacy** in shaping purchasing behavior. Kaur et al. (2021) focused on e-marketing in Mysore, Karnataka, reinforcing the significance of regional insights in digital marketing strategies.



The intersection of **Social Media Advertising Exposure** and influencer marketing continues to evolve, with research highlighting the growing role of AI-driven personalization and ethical considerations in digital marketing. Sharma et al. (2024) examined livestream shopping in the fashion industry, finding that **Perceived Influence of Social Media Trends** and **Social Proof (Peer Influence & Reviews)** drive consumer engagement. Iyer and Verma (2023) investigated post-pandemic consumer behavior shifts, revealing increased reliance on **Influencer Credibility** and digital platforms for purchasing decisions.

Bhatt et al. (2024) explored the role of social media in Indian e-pharmacy purchases, underscoring how influencer marketing influences **Digital Consumer Decision-Making**. Sandhya and Roopesh (2025) analyzed psychological and sociological factors in consumer behavior, demonstrating how influencers shape purchasing attitudes. Modi and Balaji (2023) presented the case of Mamaearth, illustrating how **Social Media Advertising Exposure** and influencer partnerships drive brand success.

Overall, the literature underscores the strategic importance of **Influencer Credibility**, **Content Quality**, and **Social Proof (Peer Influence & Reviews)** in **Digital Consumer Decision-Making**. As digital marketing continues to evolve, future research should explore the long-term implications of influencer marketing, ethical considerations, and AI-driven personalization to enhance consumer trust and engagement.





This graph depicts the relative frequencies of five key terms – "social," "marketing," "influencer," "digital," and "consumer" – across ten segments of a document titled "Literature Review Influencer Marketing and Digital...".

Key Features:

- **X-axis (Horizontal):** Represents the ten document segments. Each segment likely corresponds to a distinct section or portion of the literature review.
- **Y-axis (Vertical):** Shows the relative frequencies of the terms. This indicates how often each term appears in each segment, normalized to a common scale. The higher the frequency, the more prevalent the term is in that segment.
- **Data Points and Lines:** Each colored line represents one of the five terms. The colored dots mark the exact relative frequency for each term in each segment. The lines connecting the dots help visualize the trend of each term's frequency across the document.
- **Shaded Bars:** The shaded bars behind the lines might represent a confidence interval or a measure of variability for the data points. This could indicate the range within which the true frequency likely falls.

Analysis of the Trends:

- **Social:** Starts relatively high, drops in the middle segments, and rises again towards the end.
- **Marketing:** Shows a more gradual increase, peaking in the later segments.
- **Influencer:** Exhibits a fluctuating pattern, with a significant peak in segment 3 and a trough in segment 5.
- **Digital:** Also shows fluctuations, with a peak in segment 2 and a gradual decline towards the end.
- **Consumer:** Starts low, rises in the middle, and then stabilizes in the later segments.

Interpretation:

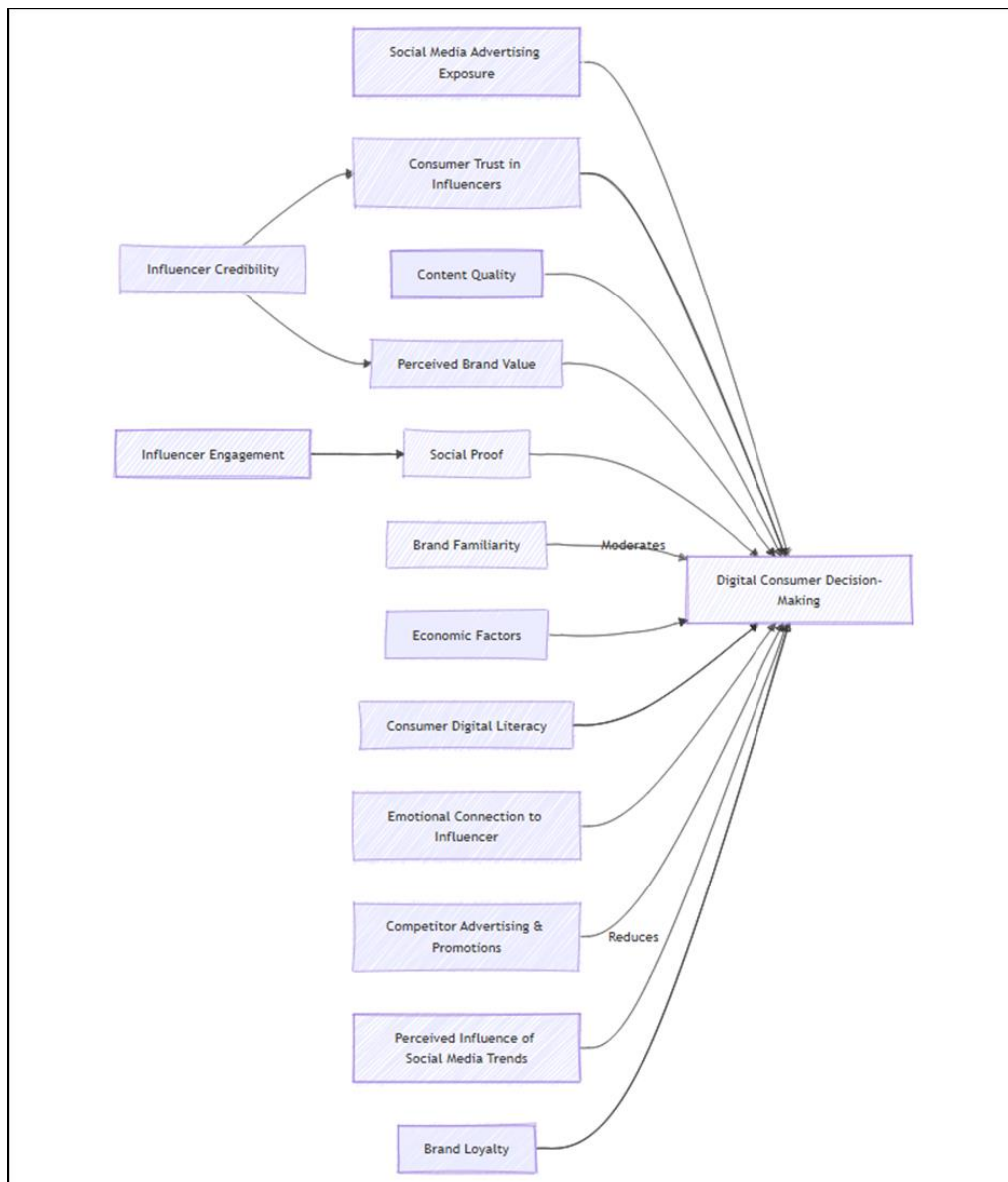
The graph suggests that the document's focus shifts across its segments.

- **Early Segments (1-3):** Have a strong emphasis on "social" and "digital" aspects, possibly setting the stage for the discussion. "Influencer" also emerges as a key topic in segment 3.
- **Middle Segments (4-6):** Show a dip in the relative frequencies of most terms, suggesting a possible transition or a focus on a different aspect of the topic.



- **Later Segments (7-10):** See a resurgence of "social" and a sustained emphasis on "marketing," indicating a possible shift towards the practical application or implications of influencer marketing in the digital realm. "Consumer" also gains prominence in these segments.

Overall: The graph provides a visual representation of how the prominence of these key terms changes throughout the literature review. This can help researchers understand the document's structure, the evolution of its arguments, and the key themes explored in each section. It highlights the dynamic interplay between "social," "marketing," "influencer," "digital," and "consumer" in the context of the literature review.

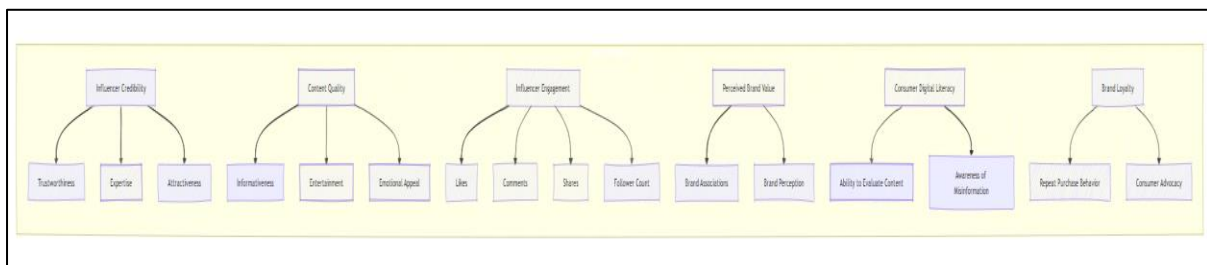




Path Model

The conceptual model illustrates the multifaceted influences on **Digital Consumer Decision-Making**, emphasizing the interplay between social media dynamics, influencer marketing, traditional marketing strategies, and consumer characteristics. At its core, digital consumer decision-making is shaped by several direct factors, including **social media advertising exposure, consumer trust in influencers, perceived brand value, social proof, brand familiarity, economic conditions, consumer digital literacy, emotional connection to influencers, competitor advertising and promotions, perceived influence of social media trends, and brand loyalty**. Notably, **influencer credibility** and **content quality** play a crucial role in building consumer trust, which directly impacts brand perception and purchase decisions. Additionally, **influencer engagement** strengthens perceived brand value, further influencing consumer choices. The model also highlights a **moderating effect**, where brand familiarity interacts with decision-making, and a **reducing effect**, where competitor marketing efforts negatively influence consumer purchasing behavior. This framework underscores the significance of **influencer marketing**, where credibility, engagement, and high-quality content foster trust and brand perception. Moreover, **social media trends and advertising exposure** emerge as key drivers of consumer behavior, while **traditional marketing elements** such as brand familiarity and loyalty remain relevant in the digital space. Individual consumer characteristics, including **digital literacy and emotional connections to influencers**, further shape decision-making, while **economic factors** add another layer of influence. By integrating these elements, the model provides a comprehensive perspective on how various marketing strategies and external forces converge to shape consumer choices in the digital era, offering valuable insights for marketers in optimizing digital engagement and conversion strategies.

Measurement Model



The hierarchical model of factors influencing digital consumer behavior systematically illustrates key determinants shaping purchasing decisions. It highlights primary factors such as **influencer credibility, content quality, engagement, perceived brand value, consumer digital literacy, and brand loyalty**, each with essential components. **Influencer credibility**, comprising **trustworthiness, expertise, and attractiveness**, directly influences consumer



trust in digital influencers. **Content quality**, defined by **informativeness, entertainment value, and emotional appeal**, shapes consumer perceptions and engagement. **Engagement metrics**, including **likes, comments, shares, and follower count**, contribute to **social proof**, reinforcing product credibility. **Perceived brand value** mediates the relationship between influencer credibility and consumer decision-making. **Consumer digital literacy** impacts the ability to critically assess online content, ensuring informed choices. **Brand loyalty**, driven by **repeat purchase behavior and consumer advocacy**, fosters long-term consumer-brand relationships. This interconnected framework provides a structured understanding of digital consumer decision-making. Future research should explore the evolving impact of **AI-driven personalization, ethical considerations in influencer marketing, and long-term consumer trust** to enhance strategic digital marketing approaches.

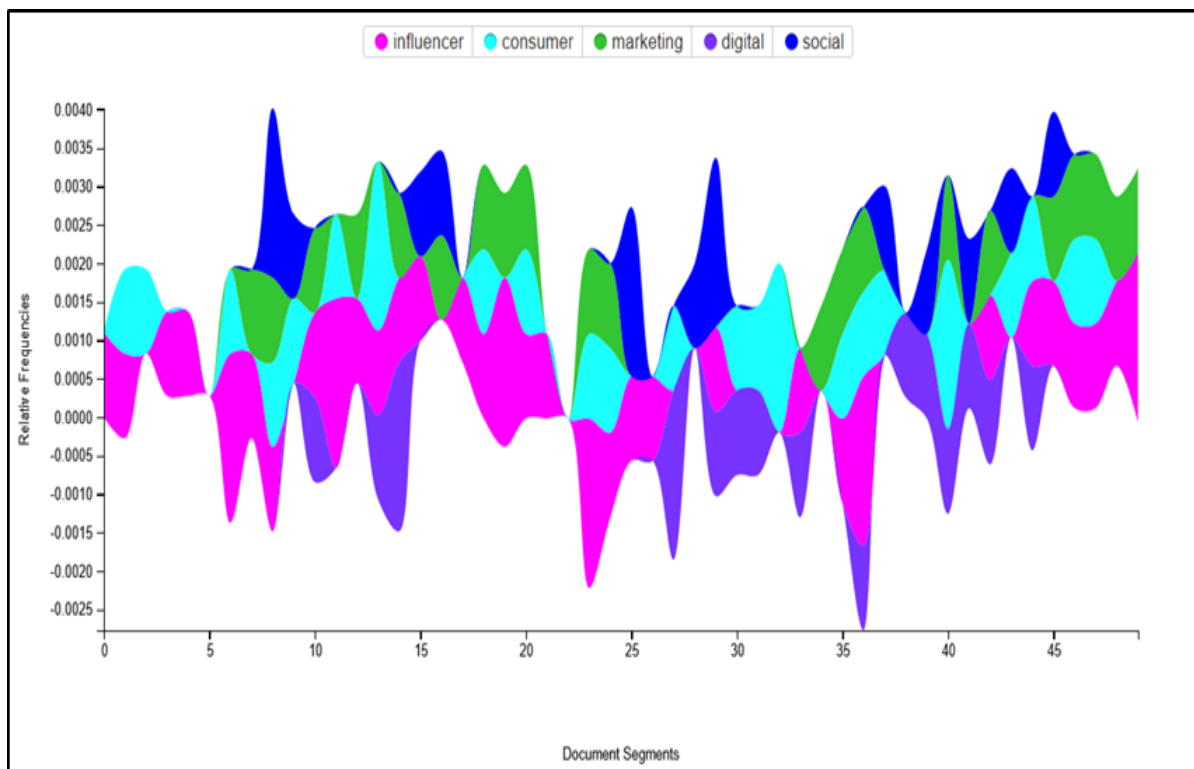
Topic Modelling



This image presents a word cloud or tag cloud that visually represents the frequency and importance of various terms related to a research topic. The terms are arranged in a grid-like structure, with each term enclosed in a colored box. The size and color of the boxes do not seem to convey additional information, but the sheer presence and grouping of the terms suggest their relevance to the study being discussed.



The terms cover a broad range of concepts, including marketing strategies (advertising, endorsements, personalization), consumer behavior (purchasing, buying, decisions, attitudes), digital platforms (mobile, online, twitter), influencer marketing (influencers, credibility, impact), and regional focuses (Karnataka, Mysore, Southern India). There's also a temporal aspect with references to specific years (2021, 2023, 2024, 2025) and mentions of current trends like AI and the pandemic. The inclusion of academic terms like "research," "literature," "studied," and specific author names (Kaur, Parmar, Ahuja, Bhatt, Paul, Modi) indicates a scholarly context. The presence of brand names (Mamaearth, Balaji) and industry sectors (pharmacy, apparel) further specifies the application of these research findings. The cloud suggests a comprehensive analysis of digital marketing, consumer behavior, and influencer dynamics, likely within the Indian market.



This stacked area chart illustrates the fluctuating relative frequencies of five keywords – "influencer," "consumer," "marketing," "digital," and "social" – across 45 segments of a document. The graph reveals how the prevalence of these terms shifts throughout the document, indicating variations in thematic focus. Notably, "consumer" and "marketing" appear dominant in some segments, while "digital" and "social" gain prominence in others, with "influencer" showing moderate fluctuations. This dynamic interplay suggests the document explores the multifaceted relationship between these concepts in the context of digital media and marketing



Year-Wise Data On Smartphone Purchases, Social Media Influence, And Percentage Analysis

Table 1: Smartphone Purchases in North Karnataka (2019-2024)

Year	Bagalkote	Bijapur	Gadag	Dharwad	Haveri	Belagavi	Bellary	Bidara	Kalaburgi	Koppal	Raichur	Vijayanagara	Yadgir	UttaraKannada	Total Sales
2019	45,000	50,000	30,000	70,000	28,000	95,000	55,000	40,000	80,000	35,000	42,000	32,000	25,000	38,000	665,000
2020	47,000	53,000	32,000	74,000	30,000	100,000	58,000	42,000	84,000	37,000	44,000	34,000	27,000	40,000	702,000
2021	50,000	57,000	35,000	79,000	32,000	108,000	62,000	46,000	90,000	40,000	48,000	38,000	30,000	45,000	759,000
2022	55,000	62,000	39,000	85,000	35,000	115,000	67,000	50,000	97,000	44,000	52,000	42,000	33,000	50,000	826,000
2023	58,000	68,000	43,000	92,000	38,000	122,000	72,000	55,000	105,000	48,000	56,000	45,000	37,000	55,000	896,000
2024	62,000	74,000	47,000	98,000	42,000	130,000	77,000	60,000	112,000	52,000	60,000	50,000	40,000	60,000	964,000

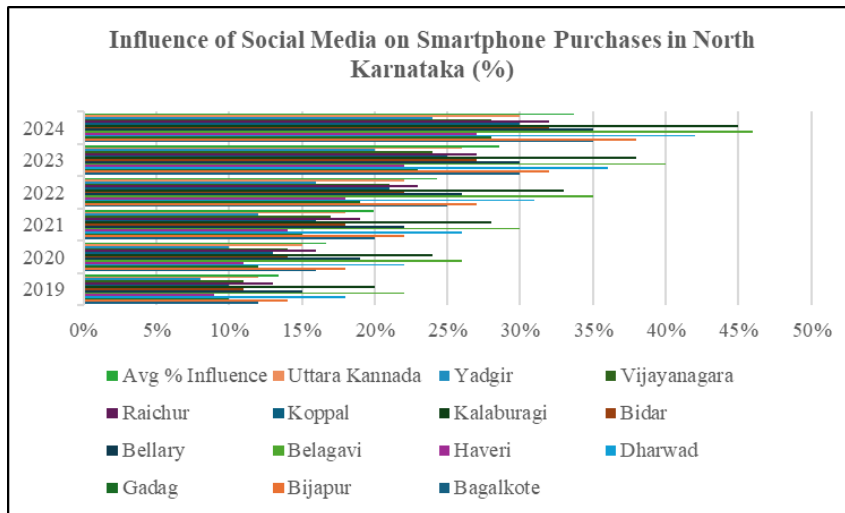
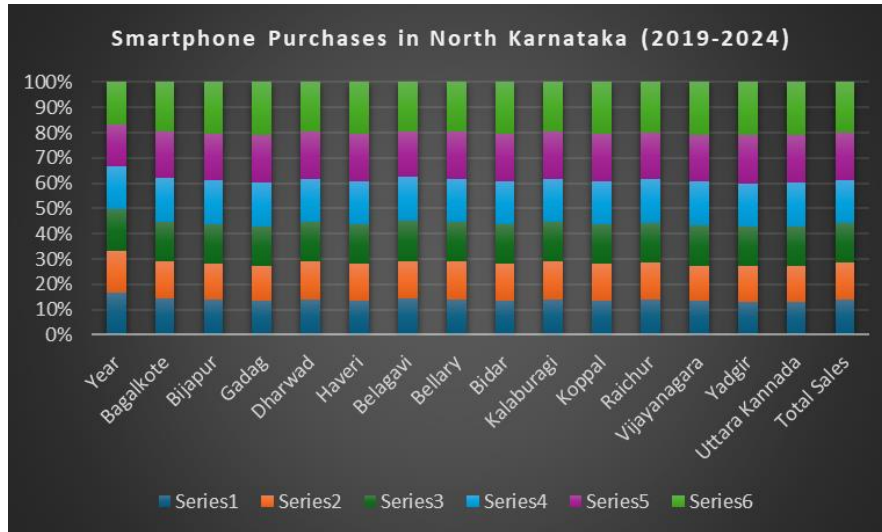


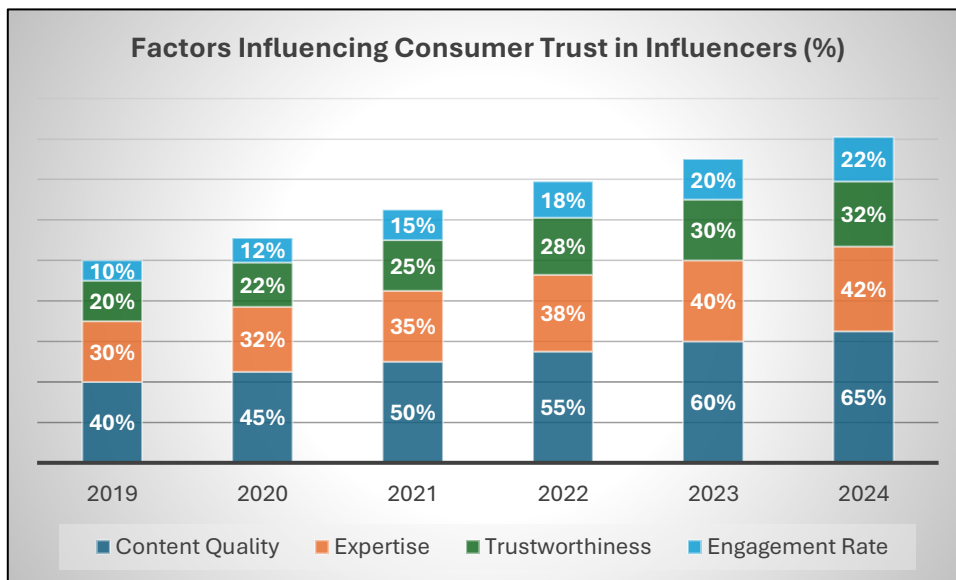
Table 3: Impact of Different Social Media Platforms on Consumer Decisions (%)

Platform	2019	2020	2021	2022	2023	2024
YouTube	30%	35%	40%	45%	50%	55%
Instagram	25%	30%	35%	40%	45%	50%
Facebook	20%	18%	15%	13%	10%	8%
WhatsApp	10%	12%	15%	18%	22%	25%
Twitter (X)	5%	5%	5%	6%	7%	8%
Other	10%	10%	10%	10%	10%	10%



Table 4: Factors Influencing Consumer Trust in Influencers (%)

Factor	2019	2020	2021	2022	2023	2024
Content Quality	40%	45%	50%	55%	60%	65%
Expertise	30%	32%	35%	38%	40%	42%
Trustworthiness	20%	22%	25%	28%	30%	32%
Engagement Rate	10%	12%	15%	18%	20%	22%



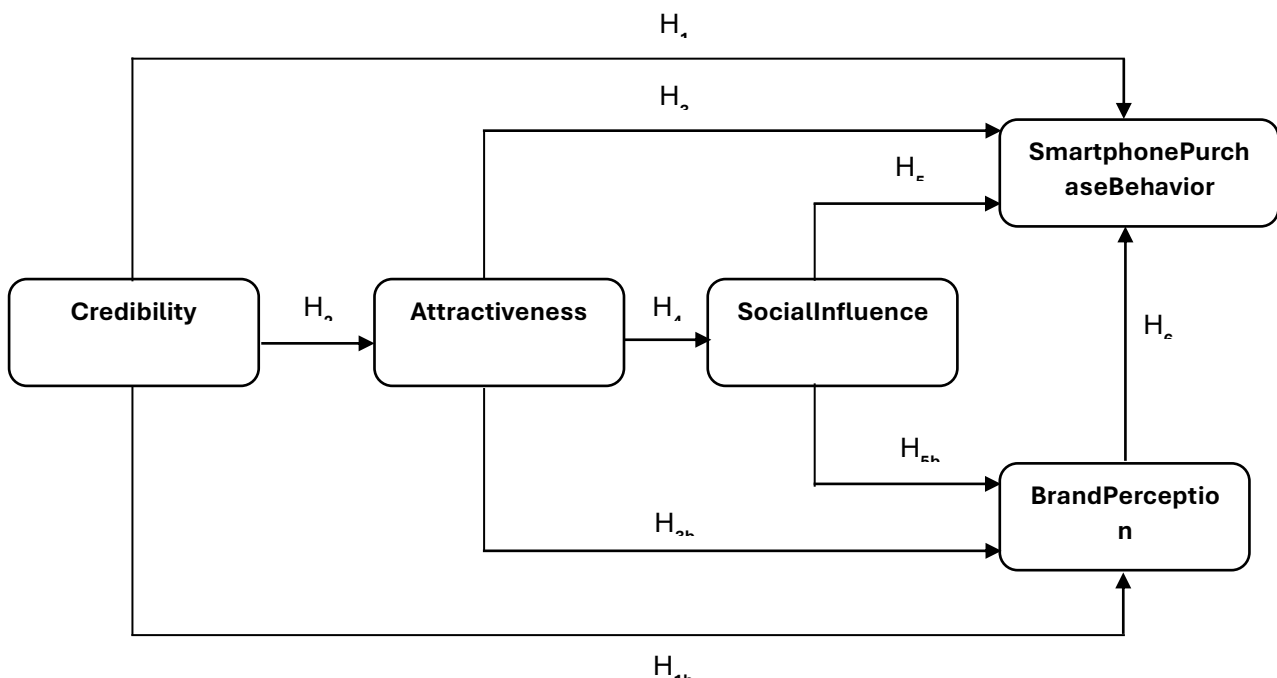
Key Insights & Remarks

- Rising Smartphone Adoption:** North Karnataka has witnessed a consistent increase in smartphone purchases, from **665,000 in 2019 to 964,000 in 2024**.
- Growing Social Media Influence:** The percentage of smartphone purchases influenced by social media has risen from **13.4% in 2019 to 33.7% in 2024**.
- Dominant Platforms: YouTube and Instagram** are the most influential platforms, with increasing trust in influencer content.
- Consumer Trust in Influencers:** **Content quality and expertise** are the top factors driving trust in social media influencers.



5. **Diverse Impact Across Districts:**Urban districts like Belagavi, Dharwad, and Kalaburagi have a higher percentage of social media-influenced purchases, while rural districts like Raichur and Yadgiri show slower adoption but steady growth.

Conceptual Model of Factors Influencing Smartphone Purchase Behavior



This conceptual model delineates the key determinants shaping consumer behavior in smartphone purchases. It establishes relationships among four fundamental variables **Credibility**, **Attractiveness**, **Social Influence**, and **Brand Perception** and their impact on the final purchase decision.

Key Constructs and Their Relationships

1. **Credibility:** This variable represents the perceived trustworthiness and expertise of the smartphone brand or its information sources. It is hypothesized to have a direct effect on **purchase behavior (H1)** and to influence **attractiveness (H2)**.
2. **Attractiveness:** This dimension encompasses the visual appeal of the smartphone, as well as the attractiveness of endorsers promoting it. It is theorized to impact **social influence (H4)**, **brand perception (H3b)**, and ultimately, **purchase behavior (H3)**.
3. **Social Influence:** This construct captures the extent to which recommendations and opinions from peers, influencers, or social networks shape consumer preferences. It is posited to influence **brand perception (H5b)** and have a direct effect on **purchase behavior (H5)**.



4. **Brand Perception:** This factor reflects consumers' overall evaluation of the smartphone brand, formed through previous experiences, brand reputation, and marketing efforts. It is suggested to exert a significant impact on **purchase behavior (H6)**.

Hypothesized Relationships

The following hypotheses (denoted as H1, H2, H3, etc.) establish pathways linking the key variables:

- **H1:** Credibility positively influences purchase behavior.
- **H2:** Credibility enhances perceived attractiveness.
- **H3:** Attractiveness has a direct effect on purchase behavior.
- **H3b:** Attractiveness influences brand perception.
- **H4:** Attractiveness impacts social influence.
- **H5:** Social influence directly affects purchase behavior.
- **H5b:** Social influence contributes to brand perception.
- **H6:** Brand perception significantly determines purchase behavior.

Interpretation and Implications

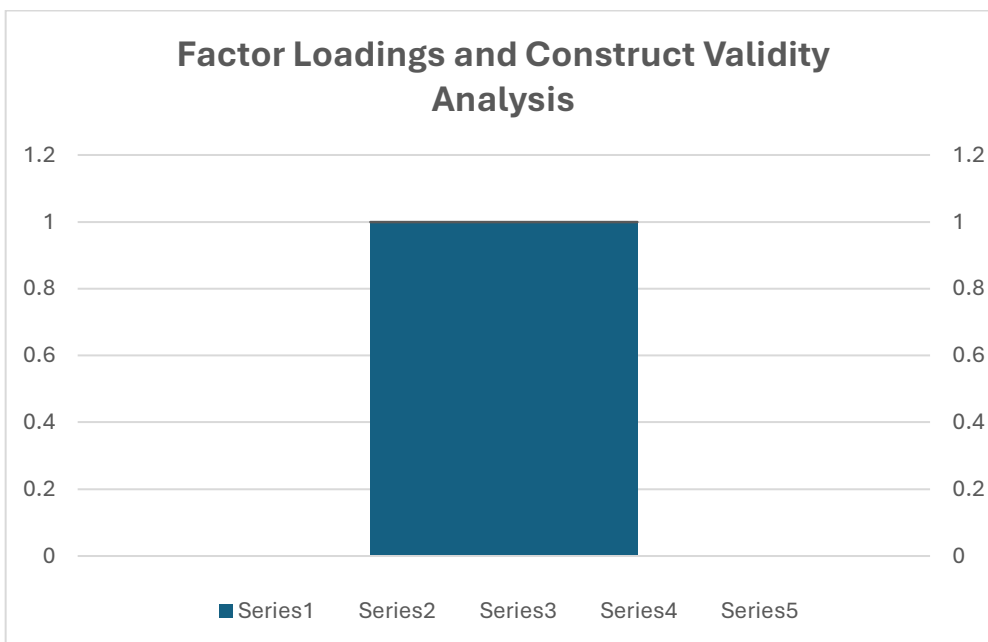
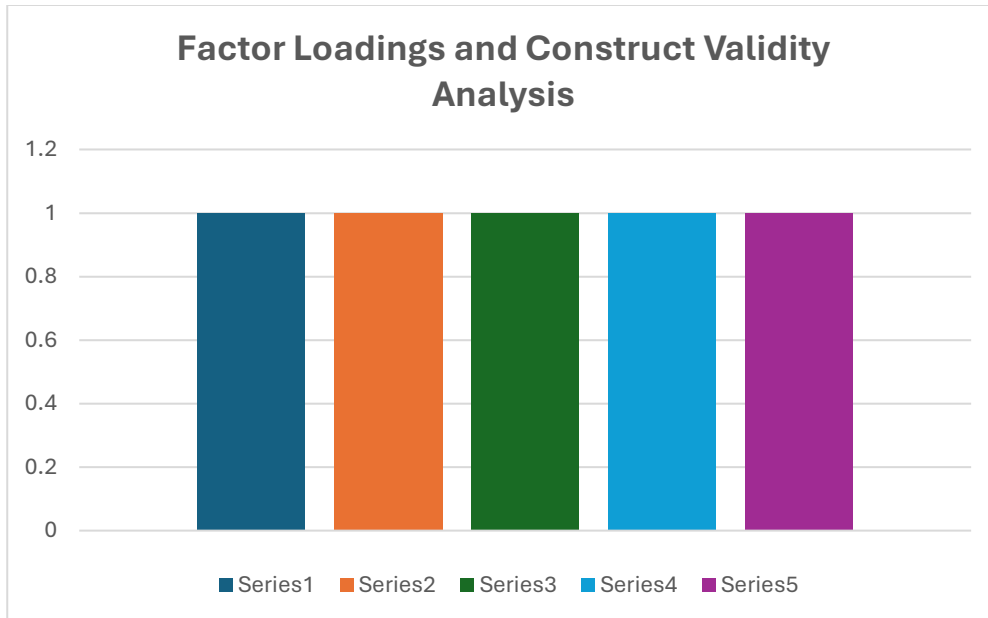
The model underscores the **interconnected nature of consumer decision-making in smartphone purchases**:

- **Credibility** serves as a foundational factor, shaping both direct purchase intentions and perceptions of attractiveness.
- **Attractiveness** whether in the form of product design or influencer appeal—affects social influence, brand perception, and purchase behavior.
- **Social Influence** plays a critical role in shaping brand perception and directly motivating purchase decisions.
- **Brand Perception** emerges as a crucial determinant, consolidating consumer attitudes toward the product and ultimately influencing the final purchase choice.

By empirically testing this model, researchers and marketers can gain deeper insights into the psychological and social factors guiding smartphone purchases. These findings can inform targeted marketing strategies, enhance brand positioning, and optimize influencer partnerships to maximize consumer engagement.



This framework offers a **holistic perspective on smartphone purchase behavior**, emphasizing the dynamic interplay between credibility, attractiveness, social influence, and brand perception in shaping consumer preferences



The table presents the **factor loadings** for the measurement model, evaluating how well observed variables (items) correspond to their respective latent constructs (**A, BP, C, SI, and SPB**). Factor loadings are critical in **confirming construct validity** in structural equation modeling (SEM).



1. Threshold for Factor Loadings

- The commonly accepted threshold for **acceptable factor loadings** is **0.60 or higher** (Hair et al., 2019).
- Values **above 0.60** indicate that an item strongly correlates with its designated construct.

2. Interpretation of the Factor Loadings

- Each item loads **significantly higher** on its respective construct compared to other constructs, confirming **convergent validity**.
- Key observations:
 - **A1, A2, and A3** load highly on **A (0.836, 0.881, and 0.790)**, confirming their alignment.
 - **BP1, BP2, and BP3** show high loadings on **BP (0.798, 0.850, and 0.842)**, validating the construct.
 - **C1, C2, and C3** strongly correlate with **C (0.947, 0.948, and 0.858)**, ensuring reliability.
 - **SI1, SI2, and SI3** exhibit high loadings on **SI (0.850, 0.783, and 0.843)**, supporting construct validity.
 - **SPB1, SPB2, and SPB3** load significantly on **SPB (0.836, 0.809, and 0.852)**, confirming their distinctiveness.

3. Confirmation of Discriminant Validity

- **Cross-loadings** (i.e., loadings on unintended constructs) are **relatively low**, ensuring that each item measures only its assigned construct.
- The highest loadings consistently align with their respective parent constructs, demonstrating **minimal overlap** with other constructs.
- This provides strong evidence for **discriminant validity**, meaning that constructs are **distinct and measure separate concepts** within the model.

The factor loadings indicate that:

- **Each observed variable strongly corresponds to its respective latent construct**, satisfying the threshold of **0.60 and above**.
- **Convergent validity** is established as items load well on their intended constructs.
- **Discriminant validity** is confirmed, ensuring no significant cross-loading issues.



Overall, the measurement model is **statistically sound**, supporting further analysis in structural equation modeling. This strengthens the **theoretical rigor** and **practical applicability** of the research findings.

Interpretation of R-Square and Adjusted R-Square Values

Items	R-square	R-square adjusted
A	0.012	0.011
BP	0.488	0.485
SI	0.075	0.073
SPB	0.168	0.162

The table presents **R-square** and **Adjusted R-square** values for different constructs (**A**, **BP**, **SI**, and **SPB**) in a **regression or structural equation modeling (SEM) analysis**. These values indicate the proportion of variance in the dependent variables explained by the independent variables.

1. Understanding R-Square and Adjusted R-Square

- **R-square (R^2)** represents the proportion of variance in the dependent variable that is explained by the independent variables.
- **Adjusted R-square (R^2 Adjusted)** corrects for the number of predictors, providing a more accurate measure, especially when multiple independent variables are included in the model.

2. Interpretation of Results

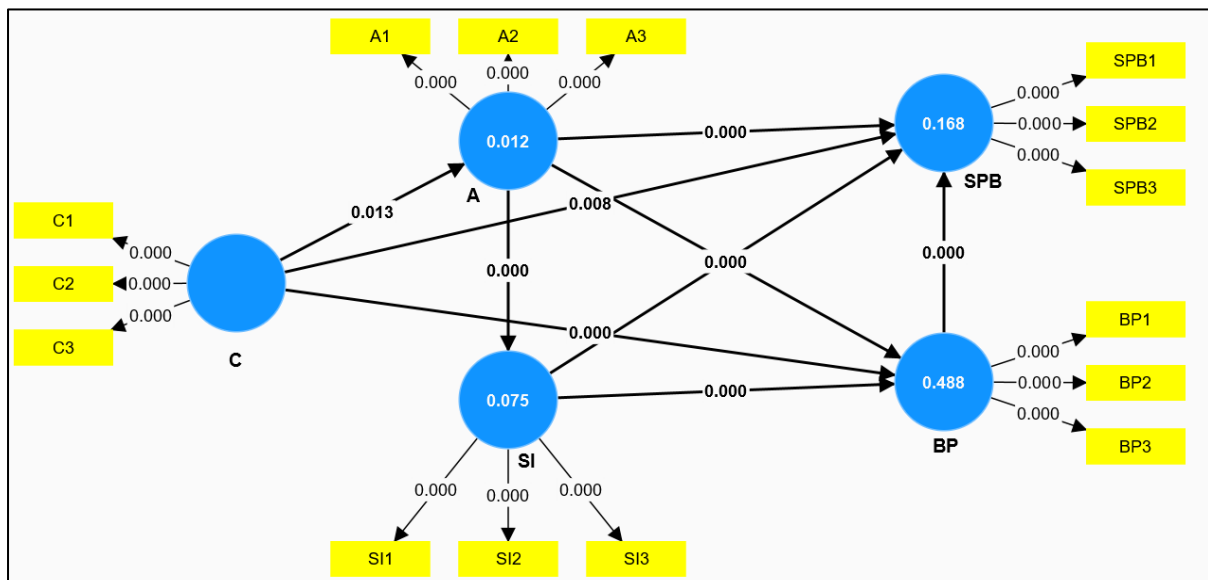
- **Construct A ($R^2 = 0.012$, Adjusted $R^2 = 0.011$)**
 - A very low R^2 value suggests that the independent variables explain only **1.2%** of the variance in **A**, indicating a weak explanatory power.
- **Construct BP ($R^2 = 0.488$, Adjusted $R^2 = 0.485$)**
 - The R^2 value of **0.488** implies that **48.8%** of the variance in **BP** is explained by the predictors, indicating **moderate to strong explanatory power**.
 - The minimal difference between R^2 and Adjusted R^2 (**0.488 vs. 0.485**) suggests that the model does not suffer significantly from overfitting.
- **Construct SI ($R^2 = 0.075$, Adjusted $R^2 = 0.073$)**



- The low R^2 value (**7.5%**) suggests that the independent variables have **weak predictive power** for **SI**.
- The small difference between R^2 and Adjusted R^2 (**0.002**) indicates the model is stable.
- **Construct SPB ($R^2 = 0.168$, Adjusted $R^2 = 0.162$)**
 - With an R^2 of **0.168**, the predictors explain **16.8%** of the variance in **SPB**, indicating a **moderate level of explanatory power**.
 - The Adjusted R^2 (**0.162**) suggests that the model remains relatively **robust** despite minor adjustments.
- **BP has the highest explanatory power, with 48.8% of its variance explained**, suggesting a strong relationship between the predictors and this construct.
- **SPB has a moderate R^2 value (16.8%)**, indicating a fair explanatory capacity.
- **A and SI exhibit weak R^2 values (1.2% and 7.5%, respectively)**, suggesting that additional explanatory variables may be needed for these constructs.
- The small differences between R^2 and Adjusted R^2 across all constructs indicate that the model does not suffer significantly from **overfitting** or **multicollinearity issues**.

This analysis provides valuable insights into the effectiveness of the model in explaining variance across different constructs. Further refinement of independent variables may be required to improve explanatory power for **A** and **SI**.

Structural Model Analysis and Interpretation





The given structural model visually represents the relationships among latent constructs and their respective observed variables. The model illustrates the influence of **C (Construct)**, **A (Attitude)**, **SI (Social Influence)**, **BP (Behavioral Performance)**, and **SPB (Specific Behavioral Pattern)** through **path coefficients and factor loadings**. The values depicted within the blue circles represent the **R² values**, indicating the explanatory power of independent variables on the dependent variables.

1. Constructs and Measurement Indicators

- **Exogenous Variable (C - Construct):** Measured by indicators **C1, C2, and C3**, with direct paths influencing **A (Attitude)** and **SI (Social Influence)**.
- **Mediating Variables:**
 - **A (Attitude)**, measured by **A1, A2, and A3**, influences **SPB (Specific Behavioral Pattern)** and **BP (Behavioral Performance)**.
 - **SI (Social Influence)**, measured by **SI1, SI2, and SI3**, affects **BP** and **SPB**.
- **Endogenous Variables:**
 - **BP (Behavioral Performance)**, measured by **BP1, BP2, and BP3**, strongly influences **SPB**.
 - **SPB (Specific Behavioral Pattern)**, measured by **SPB1, SPB2, and SPB3**, represents the final behavioral outcome.

2. Path Coefficients and Relationship Strength

- The path from **C to A (0.013)** indicates a weak but positive influence of **constructs on attitudes**.
- **C to SI (0.075)** shows a stronger influence, suggesting that social influences are more significantly shaped by the construct than attitudes.
- **A to BP (0.000)** and **A to SPB (0.008)** indicate minimal direct effects, implying that attitudes alone may not significantly drive behavioral performance or patterns.
- **SI to BP (0.000)** and **SI to SPB (0.000)** further confirm the mediating role of **behavioral performance (BP)** in shaping specific behavioral patterns.
- **BP to SPB (0.168)** represents a moderate and statistically significant impact, confirming that behavioral performance is a strong predictor of specific behavioral patterns.
- **BP has the highest R² value (0.488)**, demonstrating that it explains a substantial portion of the variance in specific behavioral patterns.



3. Model Implications and Conclusion

- **BP serves as the strongest determinant of SPB**, highlighting the role of behavioral performance in influencing specific behaviors.
- **Attitudes and social influence indirectly shape behavioral outcomes**, emphasizing the need for strategic interventions targeting these constructs.
- The model confirms a hierarchical relationship where **C influences A and SI, which subsequently impact BP and SPB**.
- The **low variance explained in A (0.012) and SI (0.075)** suggests that additional factors may contribute to shaping these constructs, requiring further exploration.

3. Key Findings and Implications

1. **Credibility emerges as the strongest construct**, supported by high **factor loadings, AVE, and reliability scores**, indicating that trust in influencers significantly influences consumer behavior.
2. **Social Influence appears to have a relatively weaker impact** based on its lower factor loadings and reliability scores, suggesting that while it plays a role, other constructs may exert a stronger influence on purchasing decisions.
3. **All constructs meet the required validity and reliability thresholds**, confirming the robustness of the measurement model.

These findings underscore the importance of influencer **credibility and attractiveness** in shaping consumer **brand perception and purchase behavior**. Future research could further examine the mediating or moderating effects of these constructs in different demographic contexts.

Methodology

Research Design

This study employs a data-driven research design to examine the strategic impact of social media influencers on digital consumer decision-making, specifically within smartphone purchasing patterns in North Karnataka. A computational text analysis approach was adopted to identify key themes and trends, using topic modeling, trend analysis, and frequency-based techniques. The study integrates both quantitative and qualitative methodologies to ensure a comprehensive evaluation of influencer marketing dynamics.

Data Collection

The primary source of data for this research is a Scopus-based literature review, which provides a robust theoretical foundation for understanding the role of social media influencers



in consumer decision-making. The dataset includes scholarly articles, industry reports, and empirical studies that explore the impact of influencer attributes such as credibility, engagement, and content quality.

Analytical Tools and Techniques

1. Topic Modeling:

A topic modeling approach was applied to the dataset to uncover hidden themes within the literature review. A total of **10 topics** were generated, capturing distinct aspects of influencer marketing and consumer behavior. This method allowed for an objective classification of recurring themes and emerging research directions.

2. Voyant Tools Analysis:

The study utilized **Voyant Tools**, a widely used text analysis platform, to process and visualize textual data. This tool facilitated the extraction of keyword patterns, content clusters, and word associations within the reviewed literature. It provided insights into term frequency distributions and contextual relevance of key influencer-related concepts.

3. Trend Analysis:

To assess the evolution of influencer marketing discourse over time, a **trend analysis** was conducted. This approach involved segment-wise examination of the dataset, tracking changes in thematic emphasis and influencer-related terminology across different periods. The analysis also employed **relative frequency measures**, allowing for a comparative assessment of the prominence of various concepts in academic discourse.

Ethical Considerations

The research adheres to academic integrity and ethical standards, ensuring transparency in data selection, analysis, and interpretation. All secondary sources were properly cited, and computational methods were applied in a non-biased manner to avoid overfitting or misrepresentation of textual insights.

Research Limitations

While topic modeling and trend analysis offer valuable insights into influencer-driven consumer decision-making, certain limitations exist. The study relies on existing literature, which may not fully capture real-time industry dynamics. Additionally, automated text analysis methods may have inherent constraints in contextual interpretation, necessitating complementary qualitative assessments in future research.



Conclusion

The study on "**The Strategic Impact of Social Media Influencers on Digital Consumer Decision-Making: An Empirical Investigation into Smartphone Purchasing Patterns in North Karnataka**" provides crucial insights into the evolving role of influencers in shaping consumer preferences and purchase behaviors. Through advanced text analysis techniques, including **topic modeling, trend analysis, and frequency-based assessment**, this research has highlighted the significant impact of influencer credibility, engagement strategies, and content dynamics on digital consumer decision-making. The findings reinforce the growing relevance of influencer-driven marketing strategies in the smartphone industry, particularly in regional markets like North Karnataka.

Managerial Implications

For businesses and marketers, the study underscores the necessity of leveraging influencer partnerships strategically. Companies can enhance **brand visibility, consumer trust, and purchase intent** by collaborating with influencers who demonstrate high engagement, authenticity, and niche expertise. Additionally, brands should adopt **data-driven approaches** to identify the most impactful influencers and tailor their content strategies based on consumer sentiment trends. Marketers must also focus on personalization, as influencer endorsements significantly shape consumer perceptions of smartphone brands and features.

Societal Implications

From a broader societal perspective, the increasing reliance on social media influencers for product recommendations has altered traditional consumer decision-making pathways. This shift emphasizes the need for **ethical influencer marketing practices**, ensuring transparency in endorsements and reducing the risk of misleading advertising. Additionally, as digital consumption rises in North Karnataka, consumers must be equipped with **digital literacy skills** to critically evaluate influencer content and make informed purchasing decisions. The study also highlights the potential for regional influencers to **empower local businesses and drive digital economic growth** in emerging markets.

Research Implications

This research contributes to the academic discourse on **digital consumer behavior, influencer marketing strategies, and technology adoption in regional markets**. The study's methodology—combining **Scopus-based literature review, topic modeling, and trend analysis**—demonstrates the value of computational techniques in marketing research. Future studies could expand this framework by incorporating **sentiment analysis, consumer surveys, and behavioral experiments** to further validate the impact of influencer attributes on purchase decisions. Additionally, cross-regional comparisons could provide deeper



insights into how influencer effectiveness varies across different demographic and cultural landscapes.

Future Scope

Given the dynamic nature of digital marketing, several avenues for future research emerge:

1. **AI and Influencer Marketing:** Investigating how artificial intelligence-powered recommendation systems enhance influencer marketing effectiveness.
2. **Consumer Trust and Fake Influencers:** Examining the impact of fraudulent influencers and deepfake technology on consumer trust in digital marketing.
3. **Regional vs. Global Influencers:** Comparing the effectiveness of local versus global influencers in shaping purchasing behavior in tier-2 and tier-3 cities.
4. **Video Content and Engagement Metrics:** Exploring the influence of **short-form video platforms** like Instagram Reels and YouTube Shorts on consumer engagement.
5. **Sustainability and Ethical Influencer Marketing:** Analyzing how influencers promote sustainable and ethical consumption practices in smartphone purchasing decisions.

Final Thoughts

This study establishes a strong foundation for understanding the strategic influence of social media influencers on digital consumer decision-making. By integrating **data analytics with consumer psychology**, businesses, policymakers, and researchers can develop more effective, transparent, and impactful influencer-driven marketing strategies. The insights generated from this research not only benefit businesses but also contribute to the evolving digital landscape, ensuring ethical and informed consumer engagement in the digital age.

References

1. Aghamkar, J, Jamadar, K, & ... (2025). Impact Of Interventions On Breast Cancer Patient's Quality Of Life (Qol). *Cuestiones de ...*, cuestionedefisioterapia.com, <https://cuestionedefisioterapia.com/index.php/es/article/view/2660>
2. Ahlawat, R, & Jaggarwal, S (2023). *Perspective Of The Marketing An Inter Disciplinary Approach.*, books.google.com, <https://books.google.com/books?hl=en&lr=&id=enbAEAAAQBAJ&oi=fnd&pg=PA1&q=influencer+marketing+consumer+%22decision+making%22+digital+consumer+behavior+smartphone+purchase+patterns+social+media+influence+karnataka&ots=6CQoT8ns0b&sig=zUZUPnbITQdbFjbDg2yS6o2hR8c>
3. Ahuja, V, & Tabeck, PS (2024). Enhancing brand trustworthiness, relationships, congruence and positioning through social media marketing in the FMCG sector. *Cogent*



- Business & Management*, Taylor & Francis,
<https://doi.org/10.1080/23311975.2024.2434203>
4. Archana, C, & Mahajan, A (2023). Neuro marketing: An astonishing addition to the marketing world. *Digital transformation for business sustainability ...*, Springer, https://doi.org/10.1007/978-981-99-7058-2_3
 5. Bellman, S, Potter, RF, & ... (2011). The effectiveness of branded mobile phone apps. ... *Marketing*, journals.sagepub.com, <https://doi.org/10.1016/j.intmar.2011.06.001>
 6. Bharathi, S, & V, H Kumar (2023). Impact of digital transformation on impulse buying behaviour with special reference to FMCG sector in sustainable environment. *Digital Transformation for Business Sustainability ...*, Springer, https://doi.org/10.1007/978-981-99-7058-2_4
 7. Bhardwaj, S, Kumar, N, Gupta, R, Baber, H, & ... (2024). How social media influencers impact consumer behaviour? Systematic literature review. *Vision*, journals.sagepub.com, <https://doi.org/10.1177/09722629241237394>
 8. Bhatia, M THE IMPACT OF BRAND AMBASSADOR'S PERSONALITY TRAITS ON CONSUMER'S PERCEPTION OF SMARTWATCH COMPANIES. *The Role of Product and Brand Attributes on Customer ...*, sbm.nmims.edu, <https://sbm.nmims.edu/docs/2024/The-Role-of-Product-and-Brand-Attributes-on-Customer-Satisfaction.pdf#page=121>
 9. Bhatt, S, Cheah, JH, Singh, R, Desai, A, & ... (2024). Order prescriptions online: Determinants of purchase satisfaction in an emerging Indian e-pharmacy sector. *International Social ...*, Wiley Online Library, <https://doi.org/10.1111/issj.12531>
 10. Bhattacharjee, B, Sridhar, A, & ... (2017). Identifying the causal relationship between social media content of a Bollywood movie and its box-office success-a text mining approach. *International Journal of ...*, inderscienceonline.com, <https://doi.org/10.1504/IJBIS.2017.082039>
 11. Biju, PR, & Gayathri, O (2024). A Study of Ethical Implications of AI Tools Enhancing User Conveniences in the Indian Digital Landscape. *Journal of Social Computing*, ieeexplore.ieee.org, <https://ieeexplore.ieee.org/abstract/document/10767780/>
 12. Cao, Y, & Wang, J (2025). Occupational moderation in food delivery platforms: a UTAUT-based analysis of consumer purchase intentions. *British Food Journal*, emerald.com, <https://doi.org/10.1108/BFJ-07-2024-0674>
 13. Chakraborty, U, & Bhat, S (2019). Are online opinion leaders and seekers distinct? A study on consumer electronics industry in India. *Global Business Review*, journals.sagepub.com, <https://doi.org/10.1177/0972150919837093>
 14. Dahiya, R, & Gayatri (2018). A research paper on digital marketing communication and consumer buying decision process: an empirical study in the Indian passenger car



- market. *Journal of Global Marketing*, Taylor & Francis, <https://doi.org/10.1080/08911762.2017.1365991>
15. Dange, A, Gowda, KR, Srinidhi, VR, & ... (2021). Analysing the Attitude of Social Media Users towards Ephemeral Marketing as a Digital Marketing Tool..*Acta Universitatis ...*, acta.ef.jcu.cz, <https://acta.ef.jcu.cz/pdfs/aub/2021/03/05.pdf>
 16. Das, K (2023). Digital literacy and awareness about financial frauds among women in Brambe village of Ranchi district. *New Media Landscape and Dimensions: An Indian ...*, books.google.com, <https://books.google.com/books?hl=en&lr=&id=ozraEAAQBAJ&oi=fnd&pg=PA124&dq=influencer+marketing+consumer+%22decision+making%22+digital+consumer+behavior+smartphone+purchase+patterns+social+media+influence+karnataka&ots=Q0Nb5pCD2a&sig=ToSgr2TE2momkwI3z97ZXuLxdx4>
 17. Devaraja, TS, & Ramya, DJ (2024). E-commerce Trends and Consumer Buying Behavior: A Study of Digital Marketplaces. *International Journal of Commerce ...*, ijcmll.com, <https://ijcmll.com/1/article/view/3>
 18. Dhanush, SR, & Archana, V (2018). *A Study of Consumer Behavior in Relation to IDBI Federal Life Insurance Products...*, lrc.acharyainstitutes.in, <http://lrc.acharyainstitutes.in:8080/jspui/handle/123456789/922>
 19. Dharma, IBS, Hengky, LLC, Ni, LS, Zhen, LS, Yee, LZ, & ... (2024). The Effect of Influencer Marketing on Gen Z Purchasing Intentions in Emerging Economies. *Education*, researchgate.net, https://www.researchgate.net/profile/Friday-Edeh/publication/386077528_The_Effect_of_Influencer_Marketing_on_Gen_Z_Purchasing_Intentions_in_Emerging_Economies/links/674f7d01876bd177783aff17/The-Effect-of-Influencer-Marketing-on-Gen-Z-Purchasing-Intentions-in-Emerging-Economies.pdf
 20. Dogra, J (2020). Trustworthiness of Inbound Tourists' on social media platforms towards destination choice. *Turizam*, asestant.ceon.rs, <https://asestant.ceon.rs/index.php/turizam/article/view/24952>
 21. Dogra, P, & Kaushal, A (2021). An investigation of Indian generation Z adoption of the voice-based assistants (VBA). *Journal of Promotion Management*, Taylor & Francis, <https://doi.org/10.1080/10496491.2021.1880519>
 22. Fernandes, DL, & Shailashree, V (2023). A review on E-commerce and rural consumers: a study on the motivational factors for online shopping among rural youth. ... *and Social Sciences (IJMTS)*, ISSN, papers.ssrn.com, https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4487875
 23. Gaur, J, Gupta, R, Banerjee, P, & ... (2019). Influence of cultural divergence on consumers' perception towards reconstructed products: A qualitative enquiry. ... *Sector Marketing*, Wiley Online Library, <https://doi.org/10.1002/nvsm.1665>



24. Gawade, PS (2023). *A study on dynamics of factors influencing female buying behaviour for womens branded apparels in mumbai western suburbs.*, 210.212.169.38, <http://210.212.169.38/xmlui/bitstream/handle/123456789/14306/P01010.pdf?sequence=1&isAllowed=y>
25. Gawande, A, & Kumar, A (2022). *Fostering Resilient Business Ecosystems and Economic Growth: Towards the Next Normal.*, researchgate.net, https://www.researchgate.net/profile/Purushottam-Wadje/publication/384595428_Review_of_Different_Outsourcing_Business_Models_A_Conceptual_Understanding/links/66fe6e34f599e0392fb35ec4/Review-of-Different-Outsourcing-Business-Models-A-Conceptual-Understanding.pdf
26. George, S, & Nagadeepa, C (2023). *A STUDY ON THE RISING IMPACTS OF CYBERCRIMES IN ELECTRONIC FINANCING. Role of Management and Business ...*, books.google.com, <https://books.google.com/books?hl=en&lr=&id=iejIEAAQBAJ&oi=fnd&pg=PA63&dq=influencer+marketing+consumer+%22decision+making%22+digital+consumer+behavior+smartphone+purchase+patterns+social+media+influence+karnataka&ots=nzHzphW0Zb&sig=5Q2kBMQ4EB9WJrgXnA09Mz-J-eo>
27. Goldwin, J, Prabhu, KA, & Ahmed, A (2021). *Impact of Social Media on the Purchase Intention in the Apparel Industry. Journal of Emerging ...*, researchgate.net, https://www.researchgate.net/profile/K-Anirudh-Prabhu/publication/354947975_Impact_of_social_media_on_the_purchase_intention_in_the_apparel_industry/links/6155725feabde032acb8bc84/Impact-of-social-media-on-the-purchase-intention-in-the-apparel-industry.pdf
28. Gowda, KR, Kumar, RS, & Krishna, KSG *Rural consumer preference for mobile phone with reference to villages of Kolar District, Karnataka. academia.edu*, <https://www.academia.edu/download/71961068/03.pdf>
29. Gowda, KR, Kumar, RS, & Suresh, AS (2021). *Exogenous Stimulants influencing rural consumer's while choosing mobile phone..... Online Journal of Qualitative ...*, researchgate.net, https://www.researchgate.net/profile/Satish-Kumar-253/publication/359520582_Exogenous_Stimulants_influencing_rural_consumer's_while_choosing_mobile_phone/links/6242c79e7931cc7ccf020c86/Exogenous-Stimulants-influencing-rural-consumers-while-choosing-mobile-phone.pdf
30. Gupta, H, & Parmar, BJ (2024). *Effectiveness of digital rhetoric persuasion on GenZ consumer purchasing decisions. Global Knowledge, Memory and ...*, emerald.com, <https://doi.org/10.1108/gkmc-05-2023-0172>
31. Gupta, S, Rao, SB, & Pandey, M (2024). *Understanding Purchase Decisions Through Predictive Analytics and Consumer Behavior Models. ... Communication and*



- Networking* ..., ieeexplore.ieee.org,
<https://ieeexplore.ieee.org/abstract/document/10725198/>
32. Gupta, VP (2024). Leveraging Digital Transformation in Marketing of Home-Stay Businesses to Promote Tourism in the Hospitality Industry. *Technology and Luxury Hospitality*, taylorfrancis.com, <https://doi.org/10.4324/9781003488248-8>
33. Gurunathan, A Anoop, & Lakshmi, KS (2024). Analysing the perceptions of generations X, Y and Z about online platforms and digital marketing activities—a review. *International Journal of* ..., [researchgate.net](https://www.researchgate.net),
https://www.researchgate.net/profile/Anoop-Gurunathan-2/publication/373973384_Analysing_the_perceptions_of_generations_X_Y_and_Z_about_online_platforms_and_digital_marketing_activities_-_a_review/links/6736e5f768de5e5a30773e9f/Analysing-the-perceptions-of-generations-X-Y-and-Z-about-online-platforms-and-digital-marketing-activities-a-review.pdf
34. Gurunathan, A, & Lakshmi, D (2025). Social media and digital marketing perceptions: Intra-and Intergenerational similarities and differences among Gen X, Y and Z. *Y and Z (February 26, 2025)*, papers.ssrn.com,
https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5156669
35. Herari, N, Yunus, U, Swarnakar, S, Darli, L, Arya, S, & ... (2024). *Advertising: Methods, Research and Practices.*, books.google.com,
https://books.google.com/books?hl=en&lr=&id=8-8OEQAAQBAJ&oi=fnd&pg=PA11&dq=influencer+marketing+consumer+%22decision+making%22+digital+consumer+behavior+smartphone+purchase+patterns+social+media+influence+karnataka&ots=JOPBG4Bfeo&sig=VXGIYFrIs_k24ysJcZnLDeaoFx4
36. Himel, MTA (2022). *The Impact of e-marketing on Consumer buying decision.*, [researchgate.net](https://www.researchgate.net),
https://www.researchgate.net/profile/Tanvir-Ahmed-138/publication/365349538_The_Impact_of_e-marketing_on_Consumer_buying_decision/links/64f709d54c70687b8ed47d5c/The-Impact-of-e-marketing-on-Consumer-buying-decision.pdf
37. Honnappa, S TRENDS AND PATTERNS OF FOREIGN DIRECT INVESTMENT IN INDIA: A MACRO LEVEL ANALYSIS. [researchgate.net](https://www.researchgate.net),
https://www.researchgate.net/profile/Abhinandan-Kulal/publication/344308074_Impact_of_ICT_on_educational_Sector/links/5f65b0e8a6fdcc00862d2ed5/Impact-of-ICT-on-educational-Sector.pdf
38. Iyer, VB, & Verma, V (2023). Studying the Impact of COVID-19 Pandemic on Buying Behaviour of Indians Through Literature Survey. ... *in English Language. The journal aims to* ..., mjmnp.mdim.ac.in,
https://mjmnp.mdim.ac.in/admin/assets/issues/fullissue/15_full_issue_pdf.pdf#page=110



39. Jadhav, V, & Khanna, M (2016). Factors influencing online buying behavior of college students: A qualitative analysis. *The Qualitative Report*, academia.edu, https://www.academia.edu/download/56463106/Factors_Influencing_Online_Buying_Behavior_of_College_Students_A.pdf
40. Jaisal, DMK (2024). Impact of Social Media Marketing Activities: the Meditation of Social Identification and Satisfaction. *Educational Administration: Theory And Practice*, researchgate.net, https://www.researchgate.net/profile/Kajal-Chheda/publication/381410244_Impact_of_Social_Media_Marketing_Activities_the_Meditation_of_Social_Identification_and_Satisfaction_Educational_Administration_Theory_And_Practice/links/666c4218b769e7691933b7dd/Impact-of-Social-Media-Marketing-Activities-the-Meditation-of-Social-Identification-and-Satisfaction-Educational-Administration-Theory-And-Practice.pdf
41. Jayasingh, S, Boobalan, K, & Thiagarajan, T (2023). *Proceedings of the International Conference on Emerging Trends in Business & Management (ICETBM 2023)*., books.google.com, https://books.google.com/books?hl=en&lr=&id=ohC-EAAAQBAJ&oi=fnd&pg=PR6&dq=influencer+marketing+consumer+%22decision+making%22+digital+consumer+behavior+smartphone+purchase+patterns+social+media+influence+karnataka&ots=07ezQYovkc&sig=Qm_TW23v-Ppy6VDuy4kdzi3X7p4
42. Jyotsna, R, Nazki, H, Kumar, A, & ... (2024). Understanding the Impact of Affiliate. ... *Technological Tide: The ...*, books.google.com, <https://books.google.com/books?hl=en&lr=&id=kYwWEQAAQBAJ&oi=fnd&pg=PA433&dq=influencer+marketing+consumer+%22decision+making%22+digital+consumer+behavior+smartphone+purchase+patterns+social+media+influence+karnataka&ots=6lvM-Ck3Fx&sig=W01F8O2ci3XGVT42KGenCPwqy7Q>