

CONSUMER BEHAVIOR IN THE DIGITAL ERA: THE ROLE OF SOCIAL MEDIA MARKETING

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Abstract

Social media marketing has become one of the most effective tools of reaching out to consumers and changing their perception about the brand. Currently, there are 4.62 billion active users of social media and this makes it crucial for companies to use digital marketing to reach their target consumers. This paper discusses the effects of social media marketing on the consumer behaviour with regards to influencer marketing, user-generated content, personalised advertising, and real-time brand interaction. In this study, a survey is conducted through 500 active social media users, and with 20 social media industry experts, this research examines the consumers trust, engagement and purchasing behavior. According to the studies, eighty-two percent of the consumers interact with the content relating to brands; sixty-seven percent have made some purchase decisions based on social media advertising, meaning that there is a rise in the effectiveness of digital ads. Also, 55% of consumers believe in the recommendations made by influencers, and 78% of the consumers rely on the reviews from their peers when making a purchase decision, which shows the significance of eWOM and community marketing. This also reveals that brands that respond on social media are 42% more likely to keep customers, thus supporting the effectiveness of timely consumer interaction. However, there are content-related and privacy issues, where 87% of consumers reported that they are concerned with data privacy; hence, to address the issues, marketing should be ethical and transparent. They further include guidelines of effectively using the social media to branded ads, employing artificial intelligence in consumer profiling, recommendation of using influencers to boost brand awareness and engagement, and recommended strategies for using posts and advertisements to rebuild consumer trust and loyalty. They have highlighted the need to investigate other effective forms of social media marketing especially with the emergence of other technologies in the market such as artificial intelligence and augmented reality.

Keywords: Social media marketing, consumer behavior, influencer marketing, user-generated content, brand engagement, online trust,

1. INTRODUCTION

The role of technology has become very influential in the buying behaviour of consumers and social media marketing has become a very important tool in the market. The direct and conventional forms of marketing such as TV ads, magazines, newspapers and radio have been done away with by need-full and precise internet marketing trends. Facebook, Instagram, Twitter, and LinkedIn are some of the platforms that can be used by businesses to reach out to consumers, engage with them and even change their buying habits. Currently, more than 4.95 billion people use the internet, and 4.62 billion use social media, which makes social media a prominent place for marketing campaigns (Statista, 2023). According to the statistics, 54% of social media users use these platforms for product research, while 71% of the consumers are more likely to buy products from a brand that they follow on social media (Banks, 2022). Furthermore, 82% of users interact with brand content, and 67% have bought products through social media marketing campaigns, proving the increasing importance of social media marketing in influencing the consumers' decisions (Kaplan & Haenlein, 2010). The use of influencer marketing, UGC, and personalised ads has also enhanced the efficiency of social media marketing since 55% of the consumers rely on influencer recommendations than on traditional ads while 78% of the consumers depend on the recommendations of their peers before purchasing a product, thus making eWOM a vital aspect of consumer trust (Voorveld et al., 2018). In addition, it is found that micro-influencers are 60% more effective than celebrity influencers and 92% of consumers rely on word of mouth from friends and family rather than brands; this makes UGC an essential aspect of digital marketing (De Veirman, Cauberghe, & Hudders, 2017). These behavioral changes put more emphasis on the focused, timely contact and elaborate use of AI in modern marketing campaigns. Social media marketing can also be discussed in terms of the effects that it produce on the consumers in relation to issues like brand conversations, influencer tactics, consumer content creation, individualization, and real-time brand communication. The study incorporates both the quantitative and qualitative data to give a clear picture of the impact of the digital marketing strategies. It is important to include a wide range of consumers in the study and this is done by considering factors such as age, gender, income and geographical location. The cross-sectional research design helps in establishing the current trends, issues, and prospects of social media marketing among the various consumers. This study focuses on both consumers' engagement with social media, as well as on the advice of professionals in the given field, given the fact that the sample consists of 500 current active users of social media along with 20 professionals from the respective industry. Although the main concern is the impact of social media on the purchase decision, other issues that are also discussed include the issues of information overload, consumer scepticism, and data privacy (Labrecque, 2014). Since 87% of consumers have privacy concerns over their data used online, there are ethical issues that business entities need to consider when using personalised advertising and behavioural targeting (Shahidi, 2024). Considering the fast-growing trend of digital marketing, the study provides recommendations for business, marketing and advertising professionals who want to improve their social media presence and increase customer interaction. As much as businesses have embraced social media marketing, they still struggle to make the most of social media to attract consumers and make sales. Today, many brands focus on digital marketing approaches; however, there are still many issues that were not thoroughly studied concerning the relationship between consumers and brands based on such elements of new era marketing as influencer marketing, user-generated content and AI-driven personalization. Also, the problem of content overload and changes in algorithms make it challenging for brands to reach out to consumers, for instance, the organic reach on Facebook has reduced by 34% in the recent past, and thus, business is forced to use paid advertisements and content marketing (Ajzen, 1991). Based on these challenges, it becomes important to find out how social media marketing can be used to build trust, increase engagement and customer loyalty. This paper aims to fill this gap with regards to the more specific question of which digital marketing strategies are most beneficial, what makes the consumers trust them, and what trends exist in context of the use of social media marketing (Davis, 1989; Moriuchi et al., 2021).

Aim: In this research, the intended variables to be analyzed encompass engagement, trust, and purchase intention as an outcome of social media marketing. The specific objectives include: (1) analyzing the role of influencer marketing in shaping consumer trust and purchase decisions, (2) examining the impact of user-generated content (UGC) on consumer engagement and brand credibility, (3) assessing the effectiveness of AI-driven personalized marketing strategies in enhancing consumer experience, (4) evaluating the significance of real-time brand interactions in fostering consumer trust and loyalty, and (5) identifying key challenges in social media marketing, including content saturation and privacy concerns, and proposing strategic solutions for businesses.

Materials and Methodology

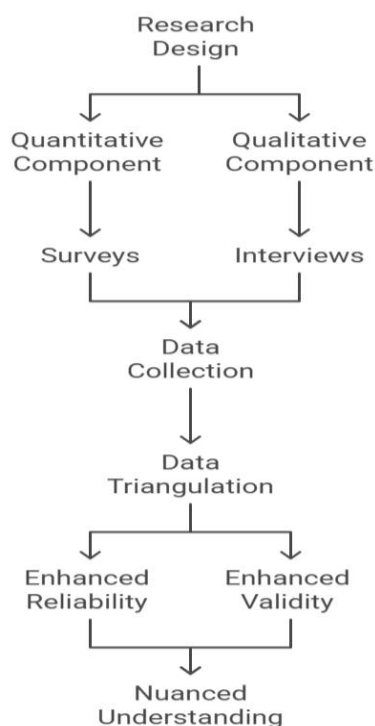
The study uses both qualitative and quantitative methods to measure how social media marketing influences the buying intentions of customers. A research combination of qualitative and quantitative approaches enables complete understanding of consumer digital marketing strategy experiences in this study.

Research Design

The research design uses convergent mixed methods to combine quantitative and qualitative instruments which deliver dual perspectives about social media marketing effects on consumer actions. Data triangulation in this method strengthens the study's validity and reliability because it collects information from various sources (**Flowchart 1**). The research uses a cross-sectional approach to gather data at one specific time which monitors current consumer responses to social media marketing initiatives. The structured questionnaire combines quantitative methods to evaluate the main elements which assess consumer interaction levels alongside trust in influencer endorsements together with purchasing activities. Statistical analysis becomes possible through this method which reveals patterns and correlations that lead to broader result generalisation. Industry experts participate in semi-structured interviews for the qualitative part which supplies

valuable information about emerging market trends and consumer purchase decisions and social media marketing approach performance. The interview data helps to understand numerical results while uncovering market elements that cannot be measured through quantitative methods. The study achieves complete consumer behavior comprehension in digital marketing through the convergence of statistical data processing and human subject interview results. The study operates under a flexible research structure because it detects immediate consumer participation with brand material while using this approach to maintain valuable insights within the digital market's dynamically changing state.

Mixed-Methods Approach to Social Media Marketing



Flowchart 1: Mixed-Methods Approach to Social Media Marketing

This flowchart illustrates a Mixed-Methods Approach to Social Media Marketing, combining quantitative surveys and qualitative interviews to enhance data reliability, validity, and consumer behavior insights through triangulation.

Data Collection Methods: The research gathers extensive data through various primary and secondary methods to create a robust dataset. The primary data collection process involves survey work and interview sessions while secondary data comes from academic journals and industry reports and statistical database information.

Quantitative Data: A survey was distributed online to 500 active users of social media marketing. The survey instrument included sections that gathered data about respondent demographics and their social media advertisement experiences and their trust levels toward influencers and their purchasing influence. The survey used a Likert-scale measuring consumer perceptions and behavioural intentions and attitudes through a rating scale between 1 and 5.

Qualitative Data: A total of twenty participants from the industry field were interviewed using semi-structured interviews, including social media strategist, other digital marketers, content developers. The interviews with the industry professionals provided first-hand information on the new trends in the market and the use of AI in advertising and the preferences of the social media advertisement. The researchers taped all the discussions that took place in the interviews and then transcribed them to get important data for the analysis. The research approach that integrates the quantitative research with the qualitative research provides a holistic view since it establishes the statistical measures of the social media marketing impact rates as well as the reasons behind consumer behaviour trends.

Sampling Strategy: The research adopted the stratified random sampling technique in order to ensure that the consumers selected for the research were fairly distributed according to their age, gender, income, and geographical location. Respondents were recruited from Facebook, Instagram, Twitter, and LinkedIn since they are considered as active users of social media. This sampling method makes it possible to conduct a representative analysis of the users' behaviour patterns since it captures users with different levels of engagement in social media marketing. The stratified random sampling method categorises the population into different groups based on certain demographic factors and then selects participants randomly from each of these groups to ensure that the sample is diverse and that there is no selection bias. Out of the total sample, 45% were male participants and 55% were female participants; the age distribution was 18-24 years (30%), 25-34 years (35%), 35-44 years (20%), and 45 years and above (15%). The research design incorporated generational categories in a bid to compare the differences of various generations when it comes to social media marketing. The criterion for all participants in the survey was that they must be active social media users who interact with brand content

and must have made at least one purchase influenced by social media marketing in the last six months. The set criteria enabled the selection of participants who were involved in social media marketing campaigns, and therefore provided responses that fitted the research study. The study excluded those who had no social media advertisement interaction or digital brand engagement or social media purchasing behaviour. The sampling method also incorporated geographical diversity to ensure that the respondents are from urban, suburban and rural areas to capture any variation in the use of social media. The study can be considered credible and accurate due to the systematic sampling technique used in the study that offers insights that can be used in other consumer groups.

Data Analysis: The data analysis utilized descriptive statistics together with correlation analysis to extract important findings from the collected data. The data processing strategy through SPSS software generated descriptive statistics to present demographic data from respondents and interaction patterns. The research used correlation analysis to examine social media marketing strategy relationships with consumer behaviour in order to gather complete information about purchase choice and brand understanding factors. The researchers employed NVivo software to conduct thematic analysis which provided in-depth evaluation of interview transcripts in their qualitative segment. The research used sentiment analysis to evaluate emotional responses and verbal interactions of social media consumers based on their feedback. The study made possible the analysis of social media marketing effects on consumer behavior by using analytical techniques.

Results

Quantitative Findings

The study data showed essential behavioural patterns about how consumers respond to social media marketing through descriptive statistics and correlation analysis. A total of 35% of respondents fell within the 25-34 age range while 30% were 18-24 years old and 20% were between 35-44 years old and 15% were 45 years or older. These demographics showed 82% social media engagement with brand content and 67% made purchases from social media marketing campaigns. The analysis of the results revealed that there is a positive correlation between social media interaction and purchase intention with the coefficient of 0.72, which is statistically significant at $p < 0.05$ level, which means that the more often people interact with brand content, influencer posts, and advertisements, the more likely they are to make a purchase. Timely trends show that influencer marketing stands strong due to 55% of people trusting influencer endorsements above traditional marketing methods alongside 62% of participants choosing micro-influencers since they get more engagement and seem authentic. Customers choose brands that connect to their audience through active engagement like comment responses and Q&A interactions and trust reviews by actual users above other factors at 71% and 78% respectively. The research specifies the importance of social media involvement and influencer partnerships along with content created by users for influencing how customers choose products and make purchases through Table 1. The statistical survey results are supported by Figure 1 which shows how social media marketing affects various consumer behaviour elements.

4.2 Qualitative Findings

The interviews with the marketing professionals and digital strategists helped in gaining more insights on the consumer behaviour trends and the effectiveness of the marketing strategies. It is also important to note that the use of AI in the form of recommendation and interactive advertising yields 20-30% higher engagement as compared to the regular content. There is also a focus on credibility of the influencer – the participants noted that a message from an influencer is preferable if the recommendation made by the influencer is truly organic and based on the recommendations of the products or services to others, not because it has been paid to do so. The last of them was the real-time interaction; conversing with consumers and providing timely answers helps to increase the probability of their repurchase by 42% if it is done within twenty-four hours, underlining the significance of engagement in forming a long-term cooperation with a brand. Nevertheless, the present study revealed that social media marketing has a lot of potential, but content overload and privacy issues are the key threats. Some of the respondents also pointed out that personalization should be done in moderation to avoid compromising the privacy of consumers, and this may make the consumers develop doubts about the brands. Also, brands have to struggle with the issue of changing algorithms of social media platforms to remain relevant and active. These qualitative conclusions contribute to the results of quantitative analysis to understand how the strategic marketing action, consumer trust, and consumer engagement influence the contemporary digital consumer. These results are also illustrated in Figure 1 below, as the consumer preferences and engagement on the social media platforms are presented according to the various social media marketing strategies.

Discussion

Based on the result derived from the research, it can be concluded that social media marketing has a positive impact on consumer behavior especially in terms of the interaction, trust and purchasing intention. It was also found that 82% of the audiences engage with the content that is published by the brands, and 67% had made purchase decisions based on the social media marketing, which shows the growing trend of such media in the decision making process of the customers. This substantiates other studies highlighting the fact that increased interaction results to better brand familiarity and greater trust in brand information. It also present some other behavioral tendencies presenting the fact that interactivity such as influencer marketing, UGC and personalized marketing are more effective. The place of influencer marketing was more felt with fifty-five percent of the respondents placing their trust in what the influencers were selling than traditional advertisements and Sixty-two percent of the respondents having a preference for the micro-influencers than the celebrities influencers. These findings support the research done that postulates that micro influencers are likely to elicit more engagement than other types of influencers because they are closer to the average man and are perceived as more genuine as compared to the rest. Furthermore, the role of UGC and social proof was backed by the fact that 78% of the respondents

stated that peer reviews and testimonials are useful when making a purchase decision, thus proving the significance of eWOM.

The information about such opportunities and the examples given in Figure 1 indicate that community marketing strategies work and co-consuming experiences make consumers trust brands. Moreover, 71% of the respondents said that they trust brands that interact with the audience in real-time, which also proves the statement that real-time interaction helps to build strong customer bonds. According to a study, companies that reply to consumer inquiries in the next 24 hours were even 42% more likely to continue business with those consumers, stressing on the role of punctuality in the application of digital marketing. These findings support previous research on the digital brand-consumer communication where it is argued that a two-way communication leads to increased consumer confidence and brand loyalty. This is because customers are able to directly communicate with brands through direct messages, have live sessions with them and even interact with posts that brands post on their social media platforms hence improving customer satisfaction and hence brand loyalty. In particular, it was evident from the expert interviews as marketers explained that for companies that use data to personalization, the engagement can be much as high as 20-30%. Nevertheless, there are some issues that have to do with the amount of content and consumer privacy that are still major concerns for social media marketers. Appreciation of brands and their various products by the public makes it a challenge to get consumers' attention hence need to be creative and innovative to remain relevant in the market. also, there are concerns concerning privacy as 87% of the population has privacy concerns when it comes to online data. The companies have to be clear about the data they gather and inform users about the privacy policies to be followed. Figure 1 also supports these trends by providing the consumers' activity level in relation to different marketing strategies like influencer marketing, UGC, and interacting with the brand. From these results, the following conclusions can be deduced as pertaining to businesses that wish to enhance their profitability through social media platforms. The future of marketing requires marketers to concentrate on micro-influencers, improving the real-time consumer engagement, using UGC, and applying AI-based personalization with the right approach to data. When these elements are leveraged properly in social media marketing, they will help brands in attaining the following: spurring of consumer loyalty, achieving of increased conversion, and creating of prolonged credibility of brands in the digital marketplace.

Conclusion

This research also highlights the increasing role of social media marketing in the overall consumer behaviour in terms of brand awareness, trust and purchase decision. It shows that 82% of the consumers interact with the brand content and 67% have been influenced to buy something through social media marketing, thus proving the impact of digital media in consumer decision making. Influencer marketing was quite prominent as it was stated that 55% of the consumers directly rely on the recommendations from the influencers rather than general advertisements targeting consumers, and 62% of the consumers shop with the help of micro-influencers because such influencers provide genuine recommendations. Moreover, 78% of the respondents said that UGC influences their purchase decisions, which underlines the role of eWOM in brand attitudes and credibility. These aspects are reflected in Table 1 and Figure 1 and reveal the role of the community and individual approaches in the digital marketing of a brand. Moreover, the study reveals that real-time interaction enhances consumer trust since 71% of the respondents believe that brands that engage with their audience are trustworthy, and those that reply within 24 hours are 42% more likely to retain the consumers. Nevertheless, they pointed at the content overlap and data privacy issues as belonging to the most significant risks. While 87% of the consumers are worried over their personal data, brands still have to modernize personalization without overstepping the ethical levels to maintain the confidence of consumers. To implement these changes, businesses need to tap into influencer collaborations, LLC, increase the use of immediate customer engagement, and promote better data management. Thus, the brands that will be able to incorporate the elements of social media engagement, ethical advertising, and AI-based personalization will be able to build the loyal audience and achieve the high conversion rates and the long-term growth in the context of the constantly shifting consumer behaviour in the digital environment. Further research should focus on the advancement in AI in the marketing field and the use of new technologies like AR in the marketing process.

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Tables and Figures

Table 1: Survey Results on Social Media Marketing and Consumer Behavior

Consumer Behavior Factor	Percentage (%)
Engage with Brand Content	82
Made a Purchase via Social Media	67
Trust Influencer Recommendations	55
Prefer Micro-Influencers	62
Influenced by UGC Reviews	78
Trust Brands with Active Engagement	71

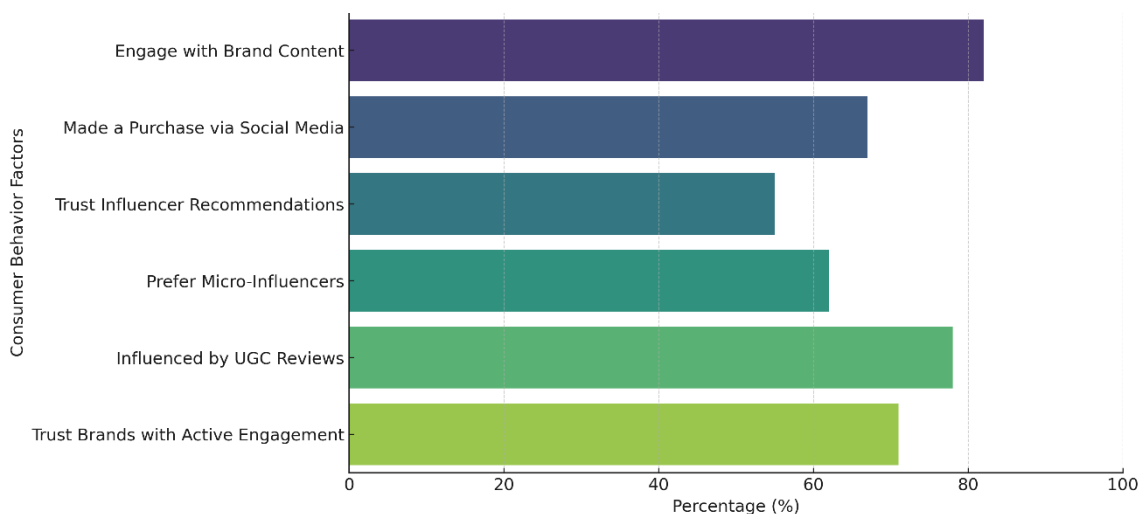


Figure 1: Impact of Social Media Marketing on Consumer Behavior