

# Impact of Social Media Advertising on Consumer Buying Behavior - An Empirical Study

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## Abstract

This study examines the influence of social media advertising on consumer purchasing behaviour. Amidst the prevalence of digital communication and online interactions, it is imperative for businesses to comprehend the impact of social media on consumers' buying choices. The study utilises a comprehensive methodology, investigating the many phases of the consumer decision-making process that are influenced by social media advertising. The study highlights several important elements, including the impact of social media exposure on brand recognition, the efficacy of targeted advertising in reaching certain consumer segments, and the influence of engagement and interaction on consumer views. The study also examines the impact of user-generated content, influencer partnerships, and real-time updates on consumer confidence and intention to purchase. The research seeks to analyse the data collected from various social media platforms in order to find patterns and trends in consumer behaviour that arise from exposure to social media advertising companies. In addition, the study examines the possible disadvantages, such as excessive information and privacy issues, linked to social media advertising and their influence on consumer decision-making. The purpose of the research is to provide valuable insights for making strategic decisions in order to enhance social media advertising campaigns and ensure they are in line with customer tastes and behaviours.

**Keywords:** Social Media, Advertising, Consumer, Buying Behavior, Online

## Introduction

Through the ability to successfully communicate with a diverse audience, advertising on social media platforms significantly increases the visibility and awareness of a business. To begin, it makes it possible to accurately target individuals by taking into account their demographics, interests, and behaviour online, which ultimately results in an increase in the relevance of advertising. A sense of community may be developed and relationships can be strengthened through the use of social media, which enables brands to directly engage with their target audiences (Brown, D., 2018).

Using the influencer's already established audience to strengthen a brand's message and credibility on social media is accomplished through the formation of relationships with social media influencers. By putting an emphasis on visual material, businesses are able to artistically display their products, which in turn increases the level of engagement with advertising. The instantaneous communication that is made possible by social media makes it possible for businesses to provide timely updates and promptly receive feedback, which in turn improves the effectiveness of agile marketing activities. Material that is provided by users, such as reviews and testimonials, is promoted by the media in general (Abdollahbeigi., et.al., 2018). This type of material provides vital social proof for potential buyers in the future. Analytics tools are made available by social media networks, which allow for the monitoring and analysis of the success of advertising activities, thereby facilitating decision-making that is driven by data.

In comparison to traditional forms of media, advertising is frequently a more cost-effective alternative, which makes it possible for businesses with limited financial resources to take advantage of it. Behavioural retargeting is a strategy that may be carried out with the help of social media platforms. This practise entails targeting individuals who have previously interacted with a company or visited its website. Through the cultivation of consumer confidence and the cultivation of positive relationships with the company, open and authentic communication on social media plays a significant role. The use of social media serves as a channel for continuous connection with customers, including the provision of help following a purchase, the dissemination of updates, and the encouragement of individuals to share their experiences.

#### Merits of Social Media Advertising on Consumer Buying Behavior

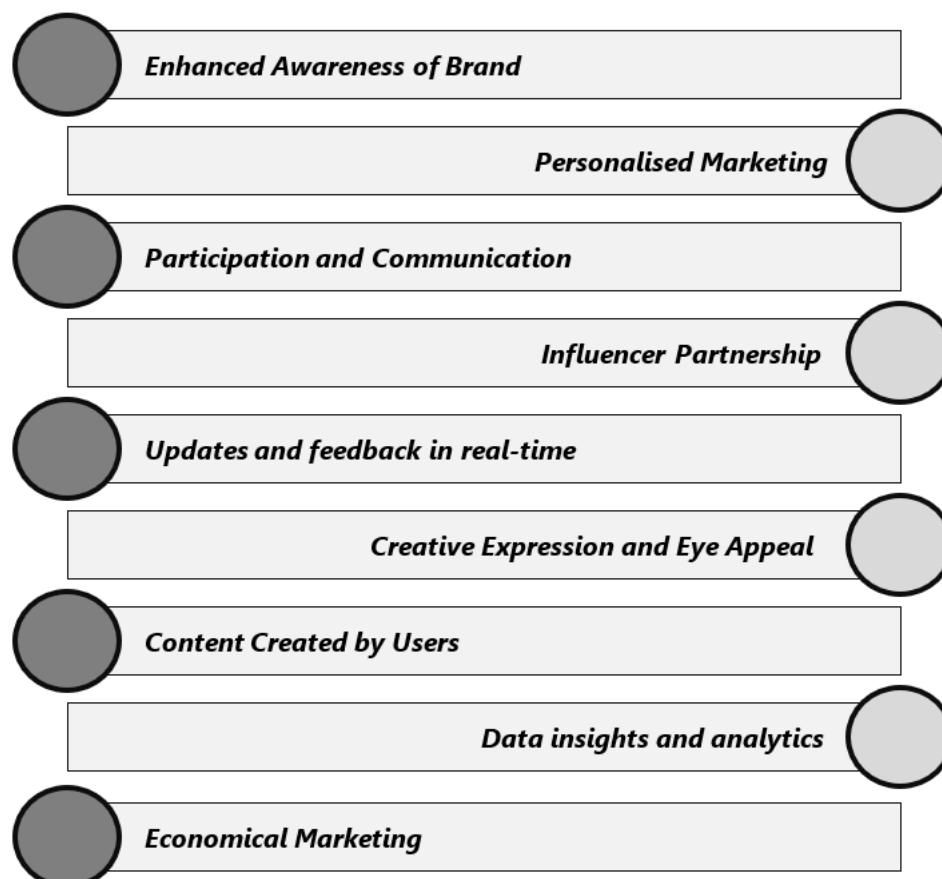


Figure 1: Advantages of Social Media Advertising on Consumer Buying Behavior

Advertising on social media platforms significantly boosts the visibility of a business and exposes it to a large audience, which in turn increases the possibility of reaching potential customers.

✚ The usage of social media platforms enables highly targeted advertising, which ensures that advertisements are displayed to certain user segments and demographics, hence boosting the relevance and efficacy of the advertisements.

✚ Through the use of social media, brands and customers are able to participate in direct conversation, which helps to cultivate a feeling of community and makes communication easier in both directions.

✚ A company's message and reputation can be amplified by collaboration with social media influencers, which allows the brand to leverage the influencer's current audience in order to achieve its goal of reaching new customers.

✚ Brands are able to deliver real-time updates on products, promotions, and events, as well as receive immediate feedback from customers, which enables them to make rapid adjustments to their marketing strategy (R, J., 2019).

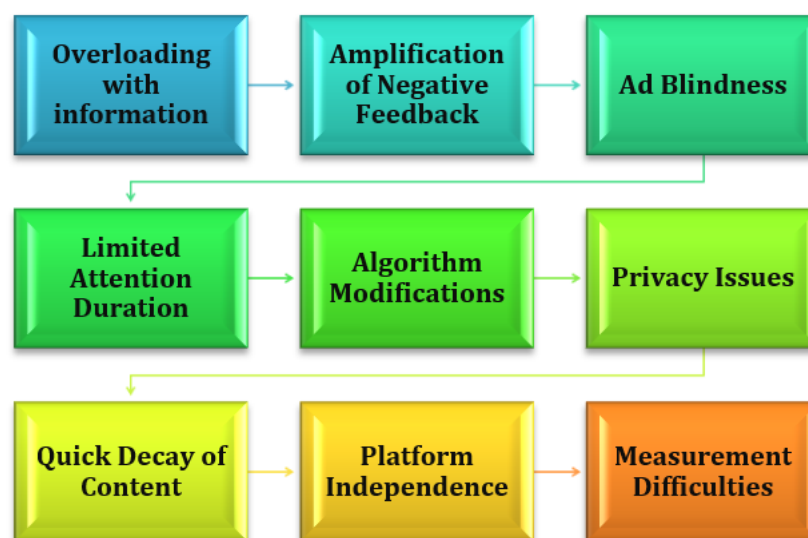
✚ Because social media platforms place a high priority on visual content, they enable marketers to creatively exhibit their products through the use of images, videos, and interactive content, which in turn makes advertising more engaging.

✚ User-generated material, which includes reviews, testimonials, and product demonstrations, is encouraged on social media platforms. This information can provide prospective purchasers with valuable social proof from other users.

✚ Using the analytics tools that are provided by social media platforms, businesses are able to monitor and evaluate the effectiveness of their advertising efforts, which assists in the development of strategies that are founded on data-driven insights (Srivastava., et.al., 2022).

✚ When compared to traditional advertising channels, advertising on social media can be more cost-effective. This is especially true for smaller firms who have limited marketing expenditures.

#### Demerits of Social Media Advertising on Consumer Buying Behavior



**Figure 2: Disadvantages of Social Media Advertising on Consumer Buying Behavior**

✚ It is possible for consumers to feel overwhelmed by the volume of information that is available on social media platforms, which can result in an information overload that may impede decision-making (S., N. U., 2017).

✚ It is necessary to exercise caution while managing and responding to unfavourable comments or reviews on social media because they can quickly gather traction and have a detrimental impact on the reputation of a brand.

✚ Ad blindness is a phenomenon in which users of social media platforms ignore or intentionally avoid advertisements on those platforms. This is especially likely to occur if the users consider the adverts to be invasive or uninteresting.

✚ Because users of social media typically have short attention spans, it can be difficult for marketers to transmit complicated messages or information in a short amount of time.

✚ Facebook, Twitter, and other social media platforms often adjust their algorithms, which can have an impact on the organic reach of postings and may also reduce the visibility of a brand's content that does not involve sponsored marketing (Siddiqui, A. et.al., 2021).

✚ The persistent worries around the protection of users' data on social media platforms may cause some users to be reluctant to interact with targeted adverts, which can have a negative influence on the efficiency of personalised marketing efforts.

✚ Due to the fast-paced nature of social media, content decay occurs at a rapid speed. Posts quickly go out of date or buried in the feeds of users, which necessitates ongoing efforts to retain visibility.

✚ Relying on a particular social media platform for advertising purposes presents a risk since the capacity of a brand to communicate with its target audience may be affected by shifts in the platform's policies or by the popularity of the platform itself.

✚ Despite the fact that social media platforms offer analytics tools, it can be difficult to assess the return on investment (ROI) because it is difficult to measure the direct influence that social media advertising has on actual sales.

## Review Literature

Evans, D. S. (2016) examined the dynamics and economic concepts underlying multisided platforms. The book examined the growing trend of multisided platforms, highlighting their role as intermediaries that link diverse user groups to enable transactions or interactions. Evans, D. S. (2016) probably examines the economic tactics and difficulties involved in creating, overseeing, and prospering in a business model that operates on multiple fronts. Possible subjects of discussion could encompass network effects, pricing structures, and the function of intermediaries. The author likely presents tangible instances to elucidate the concepts, highlighting prosperous enterprises that have efficiently utilised multisided platforms. This book is highly applicable to students who are interested in comprehending the complexities of multisided platforms and their impact on conventional economic models. The study conducted by Doh et al. (2009) examined the factors that impact customers' evaluations of electronic word-of-mouth (eWOM) communications. The study is expected to identify important elements, such as credibility, relevance, and source knowledge, that influence how consumers perceive and assess electronic word-of-mouth (eWOM). However, the summary does not include detailed specifics about the methodology used in the study. The results are relevant for marketers who want to utilise electronic word-of-mouth (eWOM), particularly on social media platforms, in order to comprehend how consumers evaluate the credibility and influence of user-generated information. In his 2019 study, Hollis investigated the strategic dynamics of platform-based organisations in the digital era. The book is expected to delve into the difficulties and advantages that organisations encounter in the competitive realm of digital platforms, tackling matters pertaining to innovation, market dominance, and strategic decision-making. The book primarily explores the changing dynamics of digital competition and provides significant insights for corporate leaders who are dealing with the challenges of platform-based strategy. Kietzmann et al. (2011) The authors conduct a rigorous analysis of social media by identifying and examining its fundamental components. The summary lacks particular data, however it is probable that the paper presents an overview of the essential components, functions, and roles of social media, with the goal of offering a systematic comprehension of its different aspects. This research holds significant value for organisations and students who desire a thorough understanding of the functional features of social media. It has the ability to provide useful insights into the strategic use and interaction on digital platforms. The authors (Smith, et.al., 2012) introduced a classification system for the many types of dangers linked to deceit on social media. The study is expected to classify and examine several deceptive practises in the domain of social media, providing insights into the possible risks and difficulties. The authors' provision of a well-organized framework is expected to enhance comprehension of the risks associated with deceitful behaviours on social media platforms. Li, X., & Wang, D. (2017) examined how online reviews affect buyers' inclinations to make purchases. The study is expected to investigate how various aspects, pertaining to both the product and the consumer, influence the effect of online reviews. The article is expected to provide valuable insights into the intricate dynamics that influence customer

decision-making in the digital age by analysing the interconnections between reviews, product attributes, and consumer-related aspects. (Mangold., et.al., 2009) investigated the function of social media as a hybrid element in the promotion mix. The study is expected to explore the integration of social media with conventional promotional techniques and analyse its distinct contributions to marketing. The writers undoubtedly offer valuable insights on utilising social media as a powerful tool for effective promotion in the changing field of company communication.

### Objectives of the study

- To understand impact of social media advertising on consumer buying behavior.
- To analyse the factors of social media advertising which impacts on consumer buying behavior.

### Hypothesis of the study

**H01:** There is no significant relation between the factors of social media advertising & impacts on consumer buying behaviour

**Ha1:** There is a significant relation between the factors of social media advertising & impacts on consumer buying behaviour

### Research Methodology

The current research is descriptive in nature. The Secondary data has been collected through websites & related online sources. The data collected through closed ended structured questionnaire & sample size was 110. The sample companies taken from SEO companies which provide services to online businesses to enhance consumer buying & understand their behavior while shopping online. The current study identified results with SPSS by using Anova & reliability test of factors.

### Results & Discussion

**Table 1: Reliability Test**

Cronbach's Alpha	No. of Items	Mean	St.Dev.
0.797	08	5.618	.2103

Reliability test has been used in table 1 to check whether all factors are statistically significant. The Cronbach alpha value is 0.797 which is quite better for minimum standard value .60. Similarly, mean is 5.618 & standard deviation is .2103.

**Table 2: ANOVA**

ANOVA						
		Sum of Squares	df	Mean Square	F	Sig.
Education and Proximity	Between Groups	29.558	3	15.834	66.881	.001
	Within Groups	397.876	107	.376		
	Total	427.434	110			
Impact on How People See Things	Between Groups	71.885	3	41.905	94.675	.001
	Within Groups	513.642	107	.521		

	Total	585.527	110			
Reviews from Real Users and Social Proof	Between Groups	29.667	3	21.675	46.982	.001
	Within Groups	392.816	107	.341		
	Total		110			
Ads That Meet Specific Needs	Between Groups	28.986	3	31.974	49.795	.001
	Within Groups	345.119	107	.476		
	Total	375.105	110			
Interaction and Engagement	Between Groups	63.234	3	23.421	77.698	.001
	Within Groups	291.770	107	.357		
	Total	355.004	110			
Goal to Buy & Customers' Faith	Between Groups	83.119	3	48.887	109.286	.001
	Within Groups	426.467	107	.604		
	Total	509.586	110			
Retargeting based on behaviour	Between Groups	19.773	3	10.231	32.564	.001
	Within Groups	412.236	107	.311		
	Total	432.009	110			
Post-Purchase Engagement	Between Groups	63.964	3	16.771	89.993	.001
	Within Groups	568.625	107	.592		
	Total	632.589	110			

Table 2 displays the findings of an ANOVA analysis on three variables: education and location, impact on how people perceive things, and reviews from real users and social proof. ANOVA is an abbreviation for Analysis of Variance, a statistical method for comparing the means of two or more groups. ANOVA was employed in this case to compare the means of the various factors on customers' faith and likelihood to buy. The sum of squares shows the amount of variance in the data explained by each factor, whereas the degrees of freedom represent the number of observations minus the number of parameters assessed. The F-value is the ratio of the mean square of the factor to the mean square of the error (within groups), and the mean square is the sum of squares divided by the degrees of freedom. The significance level represents the likelihood of obtaining the observed F-value by chance, with a value less than 0.05 showing statistical significance. Overall, the findings indicate that all three criteria have a considerable impact on customers' faith and likelihood to purchase, with F-values ranging from 66.881 to 94.675 and significance levels less than 0.001. This implies that organisations should take these elements into account when establishing marketing strategies to increase client engagement and sales. Hence the null hypothesis i.e., "there is no significant relation between the factors of social media advertising & impacts on consumer buying behaviour" is rejected as well as alternate hypothesis i.e., "there is a significant relation between the factors of social media advertising & impacts on consumer buying behaviour." is accepted.

### Findings of the study

- Social media advertising influences customer purchase behaviour at several stages along the decision-making process.
- Social media platforms enable businesses to reach a big audience with their products or services.
- Social media ads raise brand awareness, informing consumers about a product or brand.
- Social media advertising influences brand perceptions through visuals, storytelling, and user-generated material.
- Social media interactions and engagement positively impact brand image and consumer perceptions.
- Consumers seek peer evaluations, testimonials, and suggestions on social media.
- Social proof via user-generated content and favourable reviews can influence potential purchasers by demonstrating the product's value and reliability.
- Social media networks provide tailored advertising based on user demographics, interests, and online behaviour.
- Targeted advertising enhance marketing relevance and resonate with certain consumer categories.
- Social media allows for two-way connection between brands and consumers. Polls, Q&As, and interactive content can connect customers.
- Engaging content enhances brand connection by personalising the experience.
- Engaging social media ads can raise purchase intent by creating urgency or desire.
- Limited-time offers, exclusive discounts, and promotions on social media can prompt fast customer action.
- Retargeting advertising on social media target consumers who have interacted with a brand or visited its website.
- Social media can remind potential purchasers of things they were interested in, promoting a return visit and purchase.
- Social media allows for continued consumer connection after the purchase.
- Social media allows brands to offer post-purchase support, publish product updates, and promote client feedback.
- Authentic and transparent social media communication fosters consumer trust.
- Brands that respond to client requests and feedback on social media show a dedication to customer happiness.

### Conclusion

Social media advertising has a complex impact on consumer purchasing behaviour as it influences several aspects such as awareness, perceptions, engagement, and purchase decisions at different stages of the customer journey. Brands that successfully utilise social media can have a beneficial influence on consumer attitudes and actions. It is essential for businesses to carefully consider and manage the various aspects of social media advertising in order to create successful plans that are in line with their objectives and intended audience. Consistent assessment and adjustment to changing consumer behaviours and platform dynamics are crucial for achieving success in the dynamic realm of social media advertising.

### References

- [1] Abdollahbeigi, B., & Salehi, F. (2018). Social Media Factor's Effect on Customer's Purchase Intention. *Kaav International Journal of Economics, Commerce & Business Management*, 5(4), 179-184.
- [2] Brown, D. (2018). *Influencer Marketing for Dummies*. John Wiley & Sons.
- [3] Doh, S. J., & Hwang, J. (2009). How consumers evaluate eWOM (electronic word-of-mouth) messages. *CyberPsychology & Behavior*, 12(2), 193-197.
- [4] Evans, D. S. (2016). *Matchmakers: The new economics of multisided platforms*. Harvard Business Review Press.
- [5] Hollis, N. (2019). *The Business of Platforms: Strategy in the Age of Digital Competition, Innovation, and Power*. PublicAffairs.
- [6] Kietzmann, J. H., Hermkens, K., McCarthy, I. P., & Silvestre, B. S. (2011). Social media? Get serious! Understanding the functional building blocks of social media. *Business Horizons*, 54(3), 241-251.



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- [7] Li, X., & Wang, D. (2017). The impact of online reviews on consumer purchasing intention: The moderating effects of product and consumer-related factors. *International Journal of Information Management*, 37(6), 629-645.
  - [8] Mangold, W. G., & Faulds, D. J. (2009). Social media: The new hybrid element of the promotion mix. *Business Horizons*, 52(4), 357-365.
  - [9] R, J. (2019). An Analysis on Millennial and Social Media on Emergence of Start- Up Eco-System in India. *National Journal of Arts, Commerce & Scientific Research Review*, 6(1), 387-390.
  - [10] Siddiqui, A., & Mehrotra, S. (2021). Influence of Social Media Marketing on Consumer Behavior. *Kaav International Journal of Economics, Commerce & Business Management*, 8(4), 22-30. <https://doi.org/10.52458/23484969.2021.v8.iss4.kp.a5>
  - [11] Smith, A. N., Fischer, E., & Yongjian, C. (2012). Deception in social media: A typology of risks. *Information Systems Frontier*, 14(1), 105-117.
  - [12] S., N. U. (2017). A Study on Social Media Marketing. *Kaav International Journal of Economics, Commerce & Business Management*, 4(1), 213-230.
  - [13] Srivastava, D. A., Chaudhary, D. N., & Srivastava, M. P. (2022). An Exploratory Impact of Social Media Influencer Marketing on Consumer. *Kaav International Journal of Arts, Humanities & Social Science*, 9(1), 1-7. <https://doi.org/10.52458/23484349.2022.v9.iss1.kp.a1>