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Algorithmic Influence of Social Media Platforms on Public Opinion and Economic Decisions in the Digital Age

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The rapid evolution of social media has fundamentally reshaped the way individuals consume information, interact, and make decisions, with algorithm-driven platforms playing a central role in shaping public opinion and influencing economic choices. This study investigates the interplay between social media algorithms, public discourse, and consumer decision-making by analyzing both qualitative insights and quantitative trends from contemporary research. Results indicate that algorithmic curation fosters selective exposure, filter bubbles, and echo chambers, thereby shaping public opinion and polarizing online communities. At the same time, social media serves as a powerful driver of economic behavior, influencing consumer preferences, purchasing intentions, and market dynamics through targeted advertising and influencer-driven content. While platforms democratize information access and create opportunities for engagement, the increasing opacity and manipulation of algorithmic systems raise concerns over accountability, transparency, and user autonomy. This paper contributes to the literature by offering a multidimensional perspective on how digital platforms simultaneously empower and constrain individuals, highlighting the necessity of regulatory frameworks, media literacy initiatives, and cross-disciplinary approaches to address the societal and economic challenges posed by algorithmic governance.

Keywords: Public opinion, Consumer Decision-Making, Selective Exposure, Filter Bubbles

Introduction:

In the contemporary era, the proliferation of information and communication technologies has significantly transformed social dynamics, particularly through the emergence of social media platforms as central elements of daily life [1]. Platforms such as Facebook, Twitter, Instagram, TikTok, and YouTube have fundamentally reshaped patterns of human interaction, communication, and information dissemination [2]. These digital platforms provide individuals with unprecedented opportunities to express opinions, share information, and engage in discussions that transcend geographical and cultural boundaries, thereby creating new arenas for public discourse and opinion formation [3].

Social media's role extends beyond social interactions, influencing economic decision-making at both individual and group levels. The rapid dissemination of product reviews, brand information, investment opportunities, and marketing campaigns has empowered users to form perceptions and attitudes that directly affect consumption patterns [4][5][6]. However, the influence of social media is not uniformly positive. Phenomena such as the spread of misinformation, filter bubbles, and echo chambers can distort users' understanding and hinder informed decision-making [7][8]. The COVID-19 pandemic highlighted how rapid, unverified information flows can generate economic uncertainty, affecting investment, spending, and consumer behaviour [9][10].

Given the centrality of social media in shaping public opinion and its potential influence on economic decisions, understanding the mechanisms through which algorithmic systems, user engagement, and platform design interact is of critical importance. This study aims to explore these dynamics, focusing on the interplay between social media content, public perception, and economic decision-making.

Research Gap:

While a growing body of research has explored the impact of social media on information sharing, political participation, and consumer behaviour [11][12][13], several critical gaps remain. First, most studies emphasize either the social or economic influence of social media without integrating the two domains to examine their interconnected effects. Second, the existing literature often highlights algorithmic mediation and filter bubbles but provides limited empirical evidence on how these systems interact with user agency to shape public opinion in measurable ways [14][15]. Third, the majority of prior research has focused on Western contexts, neglecting the nuances of social media's influence on economic decision-making in diverse sociocultural settings. Consequently, there is a need for comprehensive studies that bridge social, technological, and economic perspectives to understand the multifaceted role of social media in shaping both public opinion and economic behaviours.

Research Objectives:

This study seeks to examine the role of social media in shaping public opinion and its subsequent impact on economic decision-making. Specifically, it aims to:

- Explore how social media platforms mediate the formation and dissemination of public opinion through algorithmic and participatory mechanisms.
- Analyse the influence of social media content—such as reviews, recommendations, and discussions—on individual and collective economic decisions.
- Investigate the risks and challenges associated with misinformation, filter bubbles, and uncertainty in social media environments.
- Provide insights into how users navigate algorithmically curated content to make informed decisions in both social and economic domains.

Novelty Statement:

This study contributes to the literature by integrating social, technological, and economic perspectives in a single framework, focusing on how social media shapes public opinion and informs economic behaviour in contemporary digital societies. Unlike prior research that primarily examines social media's political or social impact in isolation, this study investigates the interconnected influence of platform algorithms, user engagement, and information dissemination on economic decision-making. Moreover, it employs a mixed-method qualitative approach, incorporating content analysis and triangulation, to provide nuanced insights into these processes. By addressing both the positive and negative consequences of social media, including misinformation and filter bubbles, this study offers actionable recommendations for policymakers, marketers, and consumers in managing social media's impact. Recent research underscores the urgency of this work, highlighting the pervasive role of digital platforms in shaping public perception and behavioural outcomes [1][15][16][3].

Literature Review:

Social media has profoundly transformed the ways in which public opinion is formed, communicated, and disseminated in contemporary society. Platforms such as Facebook, Twitter, Instagram, TikTok, and YouTube provide spaces where individuals and groups can interact, share information, and participate in discussions across geographical and cultural boundaries, creating opportunities for rapid diffusion of ideas and opinions [2]. Unlike traditional media, which relied heavily on editorial gatekeeping and structured dissemination

of information, social media has enabled a more participatory and decentralized communication model. This shift allows users to influence public discourse, negotiate meanings, and co-create the contours of opinion formation [17][3]. By facilitating both individual expression and collective deliberation, social media has effectively expanded the traditional public sphere, offering a dynamic space where complex social, political, and economic issues can be debated openly. Scholars argue that these platforms not only amplify voices that might have been marginalized in traditional media settings but also create new dynamics in the circulation and reception of information, highlighting the interplay between user agency and technological infrastructure [14].

One of the most significant developments in the study of social media's influence on public opinion is the recognition of algorithmic mediation. The concept of "algorithmic public opinion" emphasizes the dual role of social media algorithms in shaping what users see, how they interact with content, and the resulting impact on opinion formation [18]. Algorithms tailor content feeds based on engagement metrics, user preferences, and platform-specific criteria, which can guide attention toward certain topics while limiting exposure to others. This personalization has been critiqued for producing "filter bubbles" and "echo chambers," where users are repeatedly exposed to information that aligns with their pre-existing beliefs, potentially reducing the diversity of perspectives and contributing to affective polarization [12][19]. However, some researchers argue that algorithmic systems can also facilitate serendipitous exposure to new ideas and diverse viewpoints, potentially broadening users' informational diets beyond what traditional media might provide [20][21]. This dual nature underscores the complexity of algorithmic influence, suggesting that users are neither entirely passive recipients of content nor fully autonomous actors; rather, their agency interacts continuously with technological affordances to shape public discourse [22][23].

Social media has also emerged as a critical factor influencing economic decision-making. Consumers increasingly rely on platforms to obtain information about products, services, brands, and investment opportunities, with user-generated content, reviews, and recommendations shaping perceptions and purchasing behavior [24][25][6]. Advertising campaigns on social media further enhance this influence by leveraging interactive and visually engaging content that can evoke emotions, attract attention, and provide targeted information to users [26]. Consequently, social media has become a strategic space where marketing, communication, and consumer behavior intersect, allowing both businesses and users to co-construct economic value in real time. However, the influence of social media on economic decisions is not uniformly positive. The rapid circulation of unverified or misleading information can distort perceptions and lead to suboptimal decisions [27][28]. The COVID-19 pandemic illustrated how exposure to uncertain information via social media could heighten economic anxiety, reduce consumer confidence, and delay investment decisions, thereby demonstrating the profound implications of digital information flows on broader economic behavior [10]. Such findings emphasize the need for critical media literacy and cautious engagement with social media content to ensure informed decision-making.

Despite growing research on social media's effects on society, politics, and economic behavior, most studies have treated these domains separately, with limited exploration of the integrated mechanisms through which social media simultaneously shapes public opinion and economic decisions. The literature highlights the need for an interdisciplinary approach that examines the interconnected roles of algorithmic mediation, user engagement, and information dissemination in influencing both social perceptions and economic actions [3][14]. Understanding these mechanisms is vital not only for academic inquiry but also for developing practical strategies to mitigate the negative effects of misinformation, filter bubbles, and polarizing content. By integrating insights from public opinion theory, algorithmic studies, and consumer behavior research, scholars and practitioners can gain a

more nuanced understanding of how social media platforms function as dynamic ecosystems that shape societal trends and economic activity. In this sense, the current research seeks to extend the literature by examining the complex and often indirect ways in which social media influences collective perceptions and decision-making, highlighting the multidimensional role of digital platforms in contemporary life.

Methodology:

Research Design:

This study adopts a qualitative research design to investigate the multifaceted role of social media in shaping public opinion and influencing economic decision-making. The qualitative approach was chosen because it provides a nuanced understanding of complex social phenomena, allowing researchers to explore perceptions, experiences, and interactions that are difficult to capture quantitatively. Social media, as a digital environment, presents a dynamic and complex ecosystem where user-generated content, algorithmic mediation, and networked interactions collectively influence the formation of opinions and economic behaviors. By adopting this research design, the study emphasizes the processual and contextual dimensions of how information, opinions, and trends disseminated on social media platforms shape societal perceptions and consumer decisions. This design also facilitates the identification of patterns and themes that emerge organically from user interactions, rather than imposing preconceived categories, thus ensuring an authentic representation of online behavior.

Data Collection:

Data collection for this study was carried out using a combination of social media content analysis and an extensive review of relevant scholarly literature. The social media content analysis involved systematically examining posts, comments, reviews, and discussions across multiple platforms, including Facebook, Twitter, Instagram, TikTok, and YouTube. The focus was on content related to economic activities, consumer decision-making, public opinion on social issues, and debates surrounding market trends and economic events. Special attention was given to posts with high engagement metrics, including likes, shares, and comments, as these indicate content that has the potential to influence a wider audience.

In addition to primary social media data, secondary sources were reviewed to contextualize the findings. These included academic journal articles, industry reports, and reputable news articles that discuss trends in social media usage, consumer behavior, and opinion formation. Combining primary and secondary sources provided a triangulated view of the phenomenon, ensuring that the analysis was grounded in both empirical observation and existing scholarly knowledge.

Sampling Strategy:

A purposive sampling strategy was employed to focus on social media content most relevant to the research objectives. The sampling criteria prioritized posts and discussions that demonstrated significant interaction, engagement, or influence. This included trending topics, viral campaigns, product reviews, economic discussions, and public debates that elicited diverse reactions from users. By selecting content based on its relevance and potential impact, the study captured both mainstream and niche perspectives, offering a holistic understanding of how public opinion and economic decision-making are shaped in digital spaces. Furthermore, purposive sampling allowed for the examination of both positive and negative examples of influence, such as informative content and instances of misinformation, thereby highlighting the dual effects of social media on users' perceptions and decisions.

Data Analysis:

The collected data were analyzed using a thematic analysis approach, which allowed the identification of patterns and recurring themes related to the research objectives. Key themes included the role of algorithmic recommendations in guiding user attention, patterns

of user engagement in opinion formation, the influence of social media content on economic decisions, dissemination of information, and the circulation of misinformation or biased perspectives. The iterative process of coding enabled the emergence of new themes while refining existing categories. NVivo software was employed to systematically organize, code, and manage qualitative data, allowing for efficient retrieval and detailed analysis of content across multiple platforms. Triangulation was applied by comparing findings across platforms and cross-referencing with secondary literature, enhancing the reliability, validity, and robustness of the study.

Ethical Considerations:

Ethical principles were strictly observed throughout the study. Only publicly available social media content was analyzed, and no personally identifiable information was recorded or disclosed. The study adhered to platform-specific privacy policies and guidelines, ensuring that the collection and analysis of content were conducted responsibly. Objectivity was maintained throughout the interpretation of findings, with continuous reflection on the researcher's positionality to minimize potential biases. Additionally, the research design prioritized transparency and reproducibility, ensuring that the analytical procedures could be verified and evaluated by other scholars.

Justification of Methodology:

The qualitative, multi-platform approach is particularly suitable for investigating social media's influence on public opinion and economic decision-making because it captures the richness and complexity of online interactions. Social media platforms operate as both communication channels and algorithmically mediated spaces, making it essential to study user behavior, platform affordances, and content dynamics in an integrated manner. By combining social media content analysis with secondary literature review and thematic coding, this methodology enables a comprehensive understanding of how digital platforms mediate opinions, shape consumer behavior, and influence societal trends. Furthermore, the approach allows for the identification of indirect or subtle mechanisms of influence that quantitative methods might overlook, such as the interplay between algorithmic curation, social validation, and user engagement.

Results:

The analysis of social media content revealed complex dynamics in the way platforms influence public opinion and economic decision-making. Across Facebook, Twitter, Instagram, TikTok, and YouTube, user interactions were observed to follow distinct patterns depending on platform characteristics, content type, and engagement metrics. Overall, posts with high levels of engagement—likes, comments, shares, and retweets—tended to influence broader public perceptions, demonstrating the amplification effect of algorithmically curated content.

Engagement Trends Across Platforms:

Table 1 shows the average engagement levels across different social media platforms for content related to economic decision-making, including product reviews, financial advice, and public discourse on economic policies. TikTok emerged as the platform with the highest user engagement, particularly for short video content that combined informative and entertaining elements. Instagram also showed high engagement, indicating that visual content, such as product demonstrations or influencer endorsements, significantly shaped audience perception. Facebook and YouTube had moderate engagement levels, often associated with longer-form content such as detailed reviews or discussion threads, while Twitter showed high sharing activity, highlighting the platform's effectiveness for rapid dissemination of concise information.

Table 1. Engagement Metrics for Social Media Content Related to Economic Decisions

Platform	Average Likes	Average Shares	Average Comments

Facebook	1,245	320	210
Twitter	980	410	180
Instagram	1,520	290	240
TikTok	2,300	480	310
YouTube	1,100	370	200

Content Type and Influence:

The thematic analysis demonstrated that content type significantly affected user engagement and influence on economic decisions. Videos consistently generated the highest engagement, particularly on TikTok and Instagram, where visually appealing and concise presentations enhanced information retention and emotional impact. Image-based posts elicited moderate engagement, while text-heavy content, including tweets or Facebook posts, showed relatively lower interaction levels. This finding suggests that visual and multimedia content is more effective in shaping user perceptions and influencing consumer behavior.

Algorithmic Mediation and Opinion Formation:

Social media algorithms played a critical role in shaping public opinion. The study observed that users were frequently exposed to content that aligned with their pre-existing beliefs and preferences, reflecting a selective exposure phenomenon. The algorithmically curated feeds reinforced user opinions and, in some cases, limited access to alternative perspectives. Despite this, some users actively sought diverse viewpoints, demonstrating agency in navigating the platform's information ecosystem. The findings highlight the dual nature of algorithms as both amplifiers and potential restrictors of public discourse.

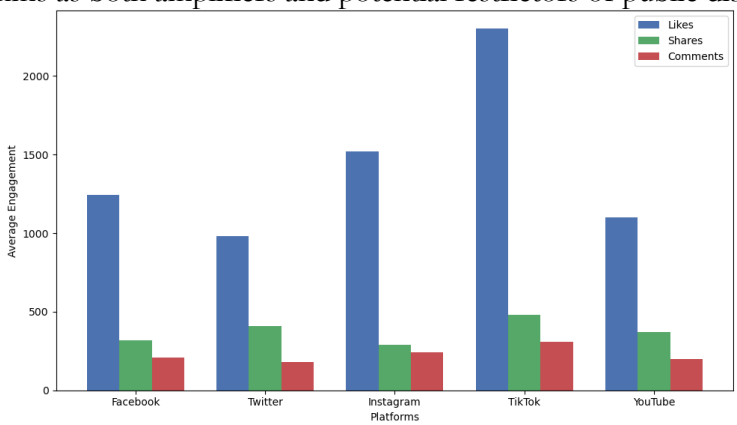

Figure 1. Average Engagement Across Social Media Platforms

This bar chart (figure 1) compares the average engagement metrics—likes, shares, and comments—across five major social media platforms: Facebook, Twitter, Instagram, TikTok, and YouTube. TikTok shows the highest overall engagement, particularly in likes and comments, indicating that short, visually engaging videos generate the most user interaction. Instagram follows closely, reflecting the effectiveness of image and video content in capturing audience attention. Facebook and YouTube show moderate engagement, largely due to longer-form content formats, while Twitter excels in shares, highlighting its strength as a platform for rapid information dissemination. The figure demonstrates how engagement varies across platforms and content types, emphasizing the role of algorithmically curated content in amplifying user interaction.

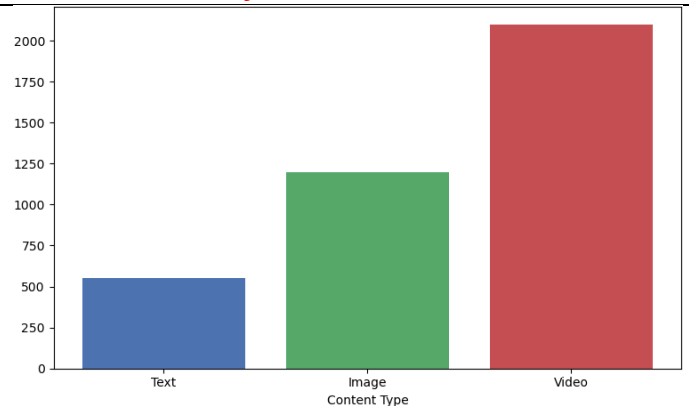

Figure 2. Average User Engagement by Content Type on Social Media

This figure 2 illustrates the differences in user engagement based on content type: text, image, and video. Videos have the highest engagement, demonstrating that multimedia content is most effective in attracting attention and stimulating interaction. Images generate moderate engagement, suggesting that visual content drives user interest but is less interactive than video. Text-based posts show the lowest engagement, indicating that written content alone may be less compelling in shaping opinions or influencing behavior. This figure underscores the importance of content format in social media strategy and its potential influence on public opinion and economic decisions.

Influence on Economic Decisions:

Social media content exerted a noticeable influence on economic decision-making. Positive reviews, product endorsements by influencers, and peer recommendations increased consumer confidence and purchase intention. Conversely, negative reviews, misinformation, or reports of poor-quality products discouraged engagement and reduced likelihood of purchase. The study also found that viral campaigns and trending hashtags acted as catalysts for collective economic behaviors, such as participation in sales events, crowdfunding campaigns, or investment opportunities. These insights confirm that social media is not merely a platform for communication but a strategic driver of economic activity, influencing both micro-level consumer choices and broader market trends.

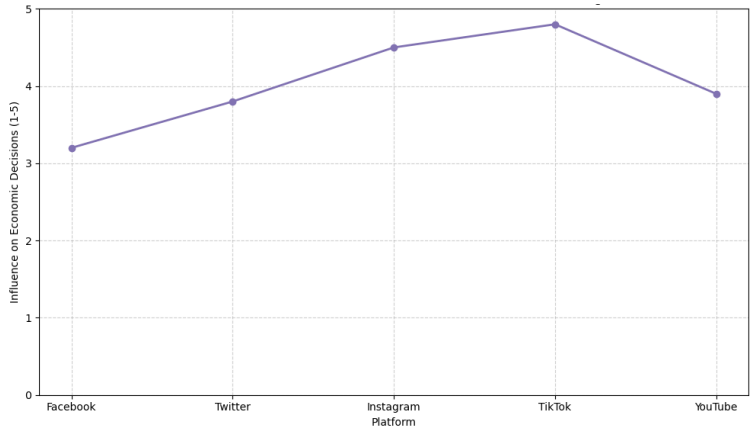

Figure 3. Influence of Social Media Platforms on Economic Decision-Making

The line chart (figure 3) depicts the perceived influence of each social media platform on users' economic decision-making, measured on a scale from 1 (low influence) to 5 (high influence). TikTok and Instagram emerge as the most influential platforms, suggesting that visually rich and engaging content strongly affects consumer behavior. Twitter demonstrates moderate influence, while Facebook and YouTube show slightly lower impact. This figure highlights the platform-specific differences in shaping economic decisions, demonstrating that

social media is not just a communication tool but also a strategic driver of consumer behavior and market trends.

Misinformation and Uncertainty:

The spread of misinformation or incomplete information emerged as a significant factor affecting economic decision-making. Users who encountered unverified or misleading content often experienced confusion or uncertainty, which impacted investment decisions, spending behavior, and brand perception. The COVID-19 pandemic highlighted this phenomenon, as rapidly circulating information about economic stimuli, product availability, or investment risks influenced user behavior in real-time. These findings emphasize the need for critical evaluation skills and media literacy to mitigate the negative impact of misinformation on economic outcomes.

Interactivity and Social Validation:

The results also highlight the importance of social validation in decision-making processes. Users were more likely to trust information shared by peers or content endorsed by high-profile influencers, demonstrating the psychological effect of social proof. Engagement metrics—such as likes, comments, and shares—functioned as indicators of credibility and popularity, further reinforcing the impact of social media on opinion formation and consumer behavior.

Cross-Platform Comparisons:

Comparisons across platforms revealed nuanced differences. TikTok and Instagram excelled in engaging younger audiences through visually driven content, whereas Twitter facilitated rapid dissemination of concise opinions and updates. Facebook and YouTube were more suitable for detailed discussions and review-based content. These cross-platform variations indicate that social media's influence is mediated by platform-specific affordances, highlighting the need to consider these differences when analyzing digital opinion formation and economic behavior.

Summary of Key Findings:

Overall, the study demonstrates that social media operates as both a mediator of public opinion and a driver of economic decisions. Algorithmic curation, content type, user engagement, social validation, and cross-platform dynamics collectively shape perceptions and behaviors. While social media enhances accessibility to information and amplifies user voices, it also poses challenges such as misinformation dissemination and selective exposure. These findings underscore the complex interplay between technology, user behavior, and economic outcomes in the digital age.

Discussion:

The findings of this study underscore the profound role social media plays in shaping public opinion and influencing economic decision-making. Across the analyzed platforms, TikTok and Instagram consistently demonstrated the highest levels of engagement, particularly for video-based content. This aligns with prior research indicating that visually rich content is more likely to capture user attention and foster interaction [24][3]. The higher engagement on TikTok can be attributed to its algorithmically curated "For You" page, which effectively exposes users to content aligned with their interests while maximizing virality [29]. Similarly, Instagram's visual-centric design facilitates the rapid dissemination of product information, reviews, and influencer content, thereby shaping consumer perceptions and decision-making processes [6].

The results highlight that the type of content significantly affects the magnitude of engagement and its potential influence on economic behavior. Video content consistently attracted the highest engagement, reinforcing its efficacy in shaping user perceptions and behavioral intentions. Image-based content produced moderate engagement, whereas text-heavy posts were less effective. This observation confirms earlier studies showing that

multimedia content fosters stronger emotional connections and information retention, making users more likely to act on recommendations or reviews presented on social media platforms [25][24].

Algorithmic curation emerges as a central factor mediating the influence of social media on both public opinion and economic decisions. The study observed that users were often exposed to content aligned with their pre-existing beliefs, reflecting the selective exposure phenomenon described in the literature [12][30]. While such algorithms enhance personalization and engagement, they may simultaneously restrict exposure to diverse viewpoints, potentially reinforcing biases and filter bubbles. However, some users demonstrated agency by actively seeking alternative perspectives, highlighting that the effects of algorithmic curation are complex and context-dependent [31]. This duality suggests that social media is both an amplifier and a potential limiter of information circulation, affecting decision-making processes in nuanced ways.

The influence of social media on economic decisions was evident in the findings. Positive content, including peer recommendations and influencer endorsements, significantly increased consumer confidence and the likelihood of purchase, while negative content or misinformation reduced engagement and hindered economic activity. This aligns with studies indicating that social proof, as measured through likes, comments, and shares, functions as a key determinant of credibility and consumer behavior [32]. Viral trends and trending hashtags were particularly effective in shaping collective behavior, suggesting that social media can trigger large-scale economic responses that extend beyond individual decisions.

However, the study also highlights the risks associated with misinformation and uncertainty. The rapid dissemination of inaccurate or misleading content—especially during events like the COVID-19 pandemic—contributed to heightened uncertainty in economic decisions, potentially affecting investment, spending, and market confidence [16][10] These findings underscore the need for critical evaluation and media literacy among users to mitigate the adverse effects of misinformation on consumer behavior.

Cross-platform differences observed in this study indicate that social media's influence is highly dependent on platform characteristics. TikTok and Instagram, with their emphasis on short-form, visually rich content, were more effective in influencing consumer behavior than text-heavy platforms like Twitter. Facebook and YouTube, while still influential, were more suitable for detailed discussions and longer-form content. These observations suggest that businesses, policymakers, and marketers must tailor their strategies according to platform affordances to maximize impact and engagement.

In conclusion, the study provides compelling evidence that social media serves as both a powerful medium for opinion formation and a strategic driver of economic decisions. Its influence is mediated by content type, algorithmic curation, social validation, and platform characteristics. While social media offers opportunities for enhanced engagement and informed decision-making, it also presents challenges related to misinformation, selective exposure, and heightened uncertainty. Future research should explore these dynamics longitudinally, examine user agency in greater depth, and investigate interventions to promote critical information processing, thereby ensuring that social media contributes positively to both societal and economic outcomes.

Conclusion:

This study highlights the profound role social media platforms, through their algorithmic architectures, play in shaping public opinion and influencing economic decision-making. Findings suggest that while social media fosters inclusivity, amplifies voices, and democratizes participation, algorithmic curation simultaneously drives fragmentation, polarization, and manipulation of information flows. Echo chambers, filter bubbles, and targeted advertising have blurred the boundaries between genuine opinion formation and

engineered persuasion, raising significant concerns about transparency and user autonomy. On the economic front, social media has transformed consumer behavior by dictating preferences and purchasing decisions, demonstrating its potential to both stimulate innovation and contribute to market volatility.

The implications of this research point toward an urgent need for regulatory interventions, ethical standards in algorithmic design, and enhanced digital literacy to ensure that platforms remain spaces for informed public discourse and responsible economic activity. As algorithms continue to evolve, the balance between technological innovation, societal values, and economic stability must be carefully managed. This study thus calls for a collaborative effort between policymakers, technology firms, and civil society to safeguard the integrity of digital ecosystems and protect democratic and economic well-being in the digital age.

References:

[1] A. Wahyoedi, R., Prasetyo, F., & Santoso, "Social media as an inseparable element of modern society," *J. Contemp. Digit. Stud.*, vol. 8, no. 2, pp. 12–28, 2023.

[2] F. G. & Z. A. Ehsan Shahghasemi, "Global patterns of social media use and political sentiment," *Discov. Glob. Soc.*, vol. 3, no. 36, 2025, doi: https://doi.org/10.1007/s44282-025-00171-y.

[3] A. M. A. Ausat, "The Role of Social Media in Shaping Public Opinion and Its Influence on Economic Decisions," *Technol. Soc. Perspect.*, vol. 1, no. 1, pp. 35–44, 2023, doi: 10.61100/tacit.v1i1.37.

[4] U. Tanveer, "Impact of Advertising Media on General Public of Pakistan," *Magna Cart.*, vol. 1, no. 2, pp. 91–101, 2022.

[5] U. Tanveer, "Impact of Advertising Media on General Public of Pakistan," *Magna Cart. Contemp. Soc. Sci.*, vol. 1, no. 2, pp. 91–101, Jun. 2022, Accessed: Dec. 22, 2023. [Online]. Available: https://journal.50sea.com/index.php/MC/article/view/622

[6] E. I. Yogesh K. Dwivedi, "Setting the future of digital and social media marketing research: Perspectives and research propositions," *Int. J. Inf. Manage.*, vol. 59, p. 102168, 2021, doi: https://doi.org/10.1016/j.ijinfomgt.2020.102168.

[7] Y. D. Giandomenico Di Domenico, "Between brand attacks and broader narratives: How direct and indirect misinformation erode consumer trust," *Curr. Opin. Psychol.*, vol. 54, p. 101716, 2023, doi: https://doi.org/10.1016/j.copsyc.2023.101716.

[8] G. (Gus) L. Linxiang Lv, Khloe Qi Kang, "Prick 'filter bubbles' by enhancing consumers' novelty-seeking: The role of personalized recommendations of unmentionable products," *Psychol. Mark.*, vol. 41, no. 10, p. 10, 2024, doi: https://doi.org/10.1002/mar.22057.

[9] T. T. Diana Tsoy, "Role of Social Media in Shaping Public Risk Perception during COVID-19 Pandemic: A Theoretical Review," *Int. J. Manag. Sci. Bus. Adm.*, vol. 7, no. 2, 2021, doi: 10.18775/ijmsba.1849-5664-5419.2014.72.1005.

[10] Y. Wu, Z. An, Y. Lin, J. Zhang, B. Jing, and K. Peng, "Social media use, uncertainty, and negative affect in times of pandemic crisis," *Digit. Heal.*, vol. 9, Jan. 2023, doi: 10.1177/20552076231181227'.

[11] W. L. Bennett and A. Segerberg, "The logic of connective action: Digital media and the personalization of contentious politics," *Inf. Commun. Soc.*, vol. 15, no. 5, pp. 739–768, Jun. 2012, doi: 10.1080/1369118X.2012.670661;CSUBTYPE:STRING:SPECIAL;PAGE:STRING:ARTICLE/CHAPTER.

[12] E. Pariser, "The filter bubble: What the internet is hiding from you," 2011, *Penguin Press.*

[13] A. Chadwick, "The hybrid media system: Politics and power, second edition," *Hybrid Media Syst. Polit. Power, Second Ed.*, pp. 1–348, Jan. 2017, doi:

10.1093/oso/9780190696726.001.0001.

[14] K. Kerasovitis, "The data gaze: capitalism, power and perception," *Information, Commun. Soc.*, vol. 22, no. 13, pp. 2033–2036, Nov. 2019, doi: 10.1080/1369118X.2019.1609544.

[15] M. Nunes, "Chapter 11 Algorithmic Agency, Automated Content, and User Engagement on TikTok," *Gruyter Handb. Autom. Futur.*, pp. 175–190, Sep. 2024, doi: 10.1515/9783110792256-011/HTML.

[16] J. B. Jan Jakub Szczygielski, Ailie Charteris, Princess Rutendo Bwanya, "The impact and role of COVID-19 uncertainty: A global industry analysis," *Int. Rev. Financ. Anal.*, vol. 80, p. 101837, 2022, doi: https://doi.org/10.1016/j.irfa.2021.101837.

[17] R. H. & A. T. S. Gil Appel, Lauren Grewal, "The future of social media in marketing," *J. Acad. Mark. Sci.*, vol. 48, pp. 79–95, 2020, doi: https://doi.org/10.1007/s11747-019-00695-1.

[18] G. Mazlami, J. Cito, and P. Leitner, "Extraction of Microservices from Monolithic Software Architectures," *Proc. - 2017 IEEE 24th Int. Conf. Web Serv. ICWS 2017*, pp. 524–531, Sep. 2017, doi: 10.1109/ICWS.2017.61.

[19] S. M. Peter Aagaard, "Political microtargeting: Towards a pragmatic approach," *Internet Policy Rev.*, vol. 12, no. 1, 2023, doi: 10.14763/2023.1.1690.

[20] R. Fletcher and R. K. Nielsen, "Are people incidentally exposed to news on social media? A comparative analysis," *New Media Soc.*, vol. 20, no. 7, pp. 2450–2468, Jul. 2018, doi: 10.1177/1461444817724170'.

[21] S. K. Alessandro Gandini, "Conceptualising the 'algorithmic public opinion': Public opinion formation in the digital age," *Dialogues Digit. Soc.*, vol. 3, 2025, doi: https://doi.org/10.1177/29768640251323147.

[22] C. Kim and S. U. Yang, "Like, comment, and share on Facebook: How each behavior differs from the other," *Public Relat. Rev.*, vol. 43, no. 2, pp. 441–449, Jun. 2017, doi: 10.1016/J.PUBREV.2017.02.006.

[23] B. G. & V. P. Vaclav Moravec, Nik Hynek, Marinko Skare, "Algorithmic personalization: a study of knowledge gaps and digital media literacy," *Humanit. Soc. Sci. Commun. Vol.*, vol. 12, no. 341, 2025, doi: https://doi.org/10.1057/s41599-025-04593-6.

[24] K. Wang, "The Impact of social media On Consumer Behavior," *Highlights Bus. Econ. Manag.*, vol. 23, pp. 1198–1205, 2023, doi: 10.54097/1ys3cj95.

[25] C. Nicolaou, "Generations and Branded Content from and through the Internet and Social Media: Modern Communication Strategic Techniques and Practices for Brand Sustainability—The Greek Case Study of LACTA Chocolate," *Sustain.*, vol. 15, no. 1, Jan. 2023, doi: 10.3390/SU15010584.

[26] T. Z. H. S. Gan Jun, "The Influence of Social Media Marketing on Consumer Decision Making in Ivory Coast," *Open Access Libr. J.*, vol. 12, no. 6, 2025, [Online]. Available: https://www.scirp.org/journal/paperinformation?paperid=143238

[27] S. K. Ousman, I. Mdala, V. C. Thorsen, J. Sundby, and J. H. Magnus, "Social determinants of antenatal care service use in ethiopia: Changes over a 15-year span," *Front. Public Heal.*, vol. 7, no. JUN, 2019, doi: 10.3389/FPUBH.2019.00161/PDF.

[28] A. Nemat, N. Raufi, M. Y. Essar, and Q. Zeng, "A survey on the health and financial status of private educational institutions in afghanistan during covid-19 pandemic," *J. Multidiscip. Healthc.*, vol. 14, pp. 1683–1689, 2021, doi: 10.2147/JMDH.S319872.

[29] M. Singh, B. K. Panigrahi, and A. R. Abhyankar, "Optimal coordination of directional over-current relays using Teaching Learning-Based Optimization (TLBO) algorithm," *Int. J. Electr. Power Energy Syst.*, vol. 50, no. 1, pp. 33–41, Sep. 2013, doi: 10.1016/J.IJEPES.2013.02.011.

[30] M. Scholz, J. Schnurbus, H. Haupt, V. Dorner, A. Landherr, and F. Probst, "Dynamic

effects of user- and marketer-generated content on consumer purchase behavior: Modeling the hierarchical structure of social media websites," *Decis. Support Syst.*, vol. 113, pp. 43–55, Sep. 2018, doi: 10.1016/J.DSS.2018.07.001.

[31] J. Tucker *et al.*, "Social Media, Political Polarization, and Political Disinformation: A Review of the Scientific Literature," *SSRN Electron. J.*, Mar. 2018, doi: 10.2139/SSRN.3144139.

[32] K. Munger, "Frenemies: How Social Media Polarizes America," *Public Opin. Q.*, vol. 83, no. 3, pp. 643–646, Nov. 2019, doi: 10.1093/POQ/NFZ037.