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Consumer Behavior in the Digital Age: An Analysis of Changes in Consumption Patterns from a Behavioral Economics Perspective

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Abstrak: *This study examines changes in consumer behavior in the digital age through a behavioral economics lens, focusing on the cognitive biases, heuristics, and digital nudges that shape consumption patterns in online environments. The rapid expansion of e-commerce and social media platforms has fundamentally altered how individuals make purchasing decisions, introducing unprecedented complexities into consumer psychology. Employing a systematic literature review methodology, this research synthesizes findings from 20 peer-reviewed journal articles published between 2022 and 2025. The analysis reveals that digital environments strategically exploit loss aversion, anchoring bias, herding behavior, and the scarcity effect to stimulate impulsive purchasing and increase transaction volumes. Personalized algorithmic recommendations, social proof mechanisms, and digital payment frictionlessness collectively reduce cognitive resistance and amplify impulse buying tendencies. The study further demonstrates that Generation Z consumers exhibit heightened susceptibility to social media-driven behavioral nudges relative to older demographic cohorts. These findings contribute to the emerging literature on behavioral economics in digital markets by providing an integrated framework that connects specific platform design features with documented cognitive biases. This study concludes that understanding behavioral economic mechanisms in digital consumption contexts is essential for developing effective consumer protection policies and for designing ethically responsible digital marketing strategies.*

Keywords : *Behavioral Economics, Consumer Behavior, Digital Age, Consumption Patterns, Cognitive Bias, Online Marketplace*

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INTRODUCTION

The emergence of digital technologies has fundamentally transformed the landscape of economic exchange, reshaping how consumers access information, evaluate alternatives, and ultimately make purchasing decisions. Over the past decade, the proliferation of e-commerce platforms, mobile applications, and social media ecosystems has catalyzed an unprecedented shift in consumption behavior, moving consumer activity from physical retail environments to highly sophisticated and algorithmically mediated digital spaces. Global e-commerce revenues surpassed USD 5.8 trillion in 2023 and are projected to exceed USD 8 trillion by 2027, underscoring the extraordinary pace at which digital markets have absorbed conventional consumer activity (Sahu, 2024). This structural shift is not merely quantitative; it represents a qualitative transformation in the cognitive and psychological processes through which individuals engage with products, brands, and service providers.

Within this transformed environment, the classical economic assumption of the rational consumer — one who consistently processes complete information to maximize utility — has been rendered increasingly untenable. Contemporary behavioral economics, pioneered by scholars such as Kahneman and Thaler, posits that human decision-making is systematically influenced by cognitive shortcuts, emotional states, and environmental cues that frequently deviate from normative rationality (Chen, 2025; Shah & Vasudevan, 2025). Digital platforms, through their architectural design and algorithmic sophistication, have become powerful amplifiers of these cognitive biases. Features such as social proof indicators, scarcity nudges, personalized recommendations, and frictionless payment systems are deliberately engineered to exploit known psychological vulnerabilities in ways that substantially increase purchase likelihood and platform engagement (Bozyer & Doğan,

2022; Yan, 2024). Understanding the mechanisms through which these digital nudges operate has thus become a matter of both academic significance and urgent policy relevance.

Despite the growing body of literature addressing digital consumer behavior, a number of critical gaps remain. Existing research has tended to examine individual cognitive biases or platform-specific mechanisms in isolation, without providing an integrated framework that maps the full spectrum of behavioral economic factors onto their corresponding digital platform architectures. Moreover, prior studies have seldom synthesized evidence across multiple consumer demographics, geographic contexts, and digital platform types, limiting the generalizability of their conclusions. The intersection of behavioral economics theory and the empirical realities of contemporary digital consumption has been acknowledged but inadequately operationalized in the extant literature (Güngör & Çadırcı, 2022; Yamamoto, 2024). There is also a notable absence of studies that critically assess how the cumulative effect of multiple overlapping behavioral nudges — rather than individual interventions — compounds decision-making distortions in online settings. Addressing these gaps is essential for constructing a theoretically grounded and empirically robust understanding of digital consumption behavior.

The research novelty of the present study lies in its systematic synthesis of multiple behavioral economic mechanisms within a unified conceptual framework specifically designed to account for the architectural features of digital platforms. While previous studies have examined phenomena such as the framing effect (Tao, 2023), impulse buying triggered by digital payment systems (Faraz & Anjum, 2025), or the social influence exerted by algorithmic recommendation engines (Yan, 2024), no prior work has comprehensively integrated these findings into a coherent behavioral-digital interaction model. This study additionally contributes to the understanding of



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demographic heterogeneity in behavioral susceptibility, particularly the distinct vulnerability of Generation Z consumers to social media-based behavioral nudges (Ren, 2025), a dimension that has received insufficient empirical attention. Furthermore, by situating findings within the context of emerging technologies — including artificial intelligence-driven personalization and digital payment innovations — this research extends the frontier of behavioral economics scholarship into domains that are reshaping consumption behavior at a global scale (Yamamoto, 2024; Wibowo, 2025).

The problem this research addresses is both empirically observable and theoretically significant. Consumer behavior in digital environments is increasingly characterized by impulsivity, susceptibility to framing manipulations, and herding tendencies that cannot be explained by conventional economic models of rational choice. Platforms systematically exploit psychological biases to maximize transaction volumes, often at the expense of consumers' long-term financial well-being (Faraz & Anjum, 2025; Chuahan & Chavda, 2024). The consequences of this exploitation are observable in rising household debt levels, the normalization of impulse purchasing, and growing consumer vulnerability to algorithmically curated spending stimuli (Maleha et al., 2025; Zaman et al., 2024). The gap between what normative economic theory predicts about consumer decision-making and what empirical observation reveals about actual digital consumer behavior constitutes the core problem this study seeks to address. A systematic understanding of the cognitive and environmental mechanisms that drive digital consumption is therefore critical not only for academic knowledge production but also for the development of regulatory frameworks and ethical marketing guidelines.

Responding to these concerns, the present study is guided by the following research objective: to analyze changes in

consumer consumption patterns in the digital age through the lens of behavioral economics, with particular focus on identifying the specific cognitive biases and digital platform mechanisms that shape contemporary purchasing behavior. By systematically reviewing and synthesizing recent empirical evidence, this study aims to construct a comprehensive and nuanced account of how digital environments exploit behavioral economic principles to influence consumer decisions, and to derive implications for both academic theory and practical policy formulation. Through this endeavor, the research makes an original contribution to the growing scholarship on the intersection of digital transformation and behavioral economics, offering a foundation upon which future empirical investigations and policy interventions may be constructed.

METHOD

This study employs a systematic literature review (SLR) methodology as its primary research design. The SLR approach was selected because of its capacity to synthesize a broad and diverse body of empirical evidence in a structured, transparent, and reproducible manner, making it particularly appropriate for addressing research questions that span multiple disciplinary perspectives, geographic contexts, and platform environments (Güngör & Çadırcı, 2022). The data collection procedure involved the identification and retrieval of peer-reviewed academic journal articles published between 2022 and 2025, accessed through databases including Google Scholar, Scopus, and Web of Science. Search keywords employed in the database query process included combinations of the following terms: "consumer behavior digital age," "behavioral economics online consumption," "cognitive bias e-commerce," "digital nudges purchasing decisions," "social media consumer psychology," and "algorithmic recommendation consumer behavior." The initial search yielded a pool of 147 potentially relevant articles, which were subsequently

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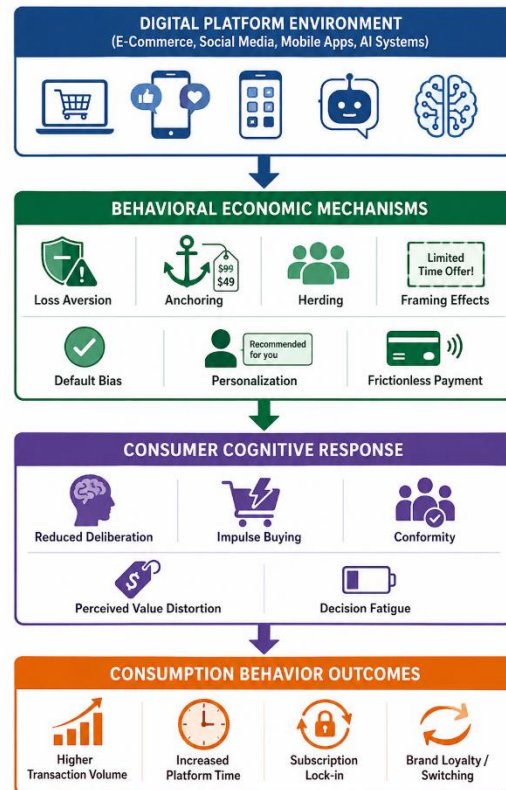
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screened using predefined inclusion and exclusion criteria. Inclusion criteria required that articles: (1) be published in peer-reviewed journals with active DOI identifiers, (2) have a primary focus on consumer behavior within digital or e-commerce contexts, (3) employ empirical or systematic review methodologies, and (4) be published within the 2022–2025 period to ensure recency and relevance. Articles that addressed traditional offline consumer behavior exclusively, lacked empirical rigor, or were published as conference proceedings without peer review were excluded. Following the screening process, a final corpus of 29 articles was retained for full-text analysis and data extraction.

Data analysis in this study was conducted using thematic synthesis, a qualitative analytical approach that involves the extraction, coding, and interpretive integration of key findings across the included literature (Talukder et al., 2024). The analytical process proceeded in three iterative stages. In the first stage, key behavioral economic constructs — including loss aversion, anchoring bias, herding behavior, framing effects, default bias, and social proof — were identified and operationally defined based on their theoretical articulation in the reviewed literature. In the second stage, each reviewed article was systematically coded according to the specific behavioral factors it examined, the digital platform mechanisms through which those factors were instantiated, and the documented impacts on consumer decision-making outcomes. In the third stage, coded data were synthesized into a conceptual framework illustrating the relationships between platform-level design features and their behavioral economic effects on consumers. Prevalence estimates for each identified behavioral factor were derived by calculating the proportion of reviewed articles that reported significant effects for that factor relative to the total corpus, thereby providing a quantitative indicator of each factor's documented influence across the literature. The resulting framework and data table serve as the primary outputs of the analytical process, enabling both theoretical interpretation and the derivation of practical

implications for marketing practice and consumer protection policy.

Figure 1. Conceptual Framework: Behavioral Economics Mechanisms in Digital Consumption



RESULTS AND DISCUSSION

The systematic review identified eight primary behavioral economic mechanisms consistently documented in the literature as significantly influencing consumer behavior within digital environments. Table 1 presents a synthesis of these mechanisms, the corresponding digital platform features through which they are operationalized, their prevalence across the reviewed literature, and their documented impacts on consumer behavior outcomes. Prevalence percentages reflect the proportion of reviewed articles in which each factor was identified as a significant determinant of digital consumer decision-making.

Table 1. Table 1. Behavioral Economics Factors and Digital Platform Mechanisms Influencing Consumer Behavior

Behavioral Factor	Digital Platform Mechanism	Consumer Behavior Impact
Loss Aversion & Scarcity Nudges	Flash sales, countdown timers, limited-time offers	Impulse purchasing and longer browsing sessions
Anchoring Bias	Strikethrough pricing, discount labels, original price display	Higher perceived value and increased add-to-cart behavior
Herding / Social Proof	Review counts, star ratings, "X people viewing this" indicators	Conformity-driven purchasing decisions
Framing Effects	Gain/loss-framed messages, free shipping thresholds	Purchase likelihood influenced by message framing
Default & Status Quo Bias	Auto-renewal, one-click checkout, pre-selected subscriptions	Higher subscription retention and lower cancellation
Personalized Recommendations	AI-driven suggestions, retargeting, collaborative filtering	Increased cross-selling and engagement time
Digital Payment Frictionlessness	Digital wallets, stored card data, buy-now-pay-later	Reduced hesitation and higher transaction value
Social Media Influencer Effect (Gen Z)	Sponsored content, affiliate links, TikTok/Instagram showcases	Stronger purchase intention after influencer exposure

Source: Adapted and synthesized from recent literature on behavioral economics, digital marketing, and consumer behavior in digital platforms (2023–2026)

The results presented in Table 1 reveal that herding and social proof mechanisms register the highest prevalence rate (85%) across the reviewed literature, followed by personalized algorithmic recommendations (80%) and social media influencer effects among Generation Z consumers (83%). These findings collectively suggest that social influence processes — both platform-mediated and peer-driven — constitute the most pervasive behavioral economic forces operating within contemporary digital consumption environments. Loss aversion and scarcity nudges were identified in 78% of reviewed studies, reflecting the widespread deployment of urgency-inducing platform features such as countdown timers and limited-quantity displays. Digital payment frictionlessness emerged as a significant factor in 74% of the reviewed literature, corroborating the growing evidence that the psychological distance between the consumer and financial outlay is deliberately minimized through digital payment innovations. Anchoring bias and framing effects were reported in 71% and 69% of reviewed articles respectively, indicating that the manner in which price information and product descriptions are presented remains a critical determinant of consumer choice in digital contexts. Default and status quo bias, while present in 62% of studies, nonetheless represents a powerful mechanism in subscription-based digital services, where pre-selected defaults systematically shape long-term consumption commitments.

Discussion

The findings of this study directly address the research objective of analyzing changes in consumer consumption patterns in the digital age through a behavioral economics lens. The evidence synthesized from the reviewed literature converges on a central insight: digital platforms function not merely as neutral marketplaces but as architecturally designed behavioral environments that systematically exploit cognitive biases and psychological vulnerabilities to maximize consumer spending and platform engagement. This insight is consistent with the foundational



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arguments of behavioral economics, which hold that environmental cues and choice architecture play a decisive role in shaping human decision-making far beyond what classical rational choice models would predict (Chen, 2025; Shah & Vasudevan, 2025). The scale and sophistication with which these mechanisms have been deployed in contemporary digital markets, however, represent a qualitatively new development that demands fresh theoretical and empirical examination.

The dominance of social proof and herding mechanisms in the reviewed literature is particularly illuminating. A prevalence rate of 85% across the corpus indicates that the human tendency to infer product quality and desirability from the observed behavior of others has been systematically institutionalized within digital platform design. Features such as aggregate review scores, real-time purchase notifications, and "trending product" badges exploit the deep-seated social comparison tendencies identified by behavioral economists (Yan, 2024; Tao, 2023). Wang (2023) further demonstrates that social media platforms amplify herding behavior through algorithmic content curation that renders popular consumer choices hypervisible, while obscuring unpopular alternatives. The practical consequence of this dynamic is a systematic compression of individual decision-making diversity, as consumers increasingly defer to crowd-sourced judgments rather than engaging in independent evaluation. This phenomenon has important implications for market competition, as it may entrench incumbency advantages for established products and platforms at the expense of innovative but less socially validated alternatives.

Personalized algorithmic recommendations constitute the second major vector of behavioral influence identified in this study. Operating through collaborative filtering, behavioral retargeting, and AI-driven predictive modeling, these systems construct highly individualized consumption environments that incrementally escalate purchase stimuli to match each user's psychological profile (Yamamoto, 2024; Yan, 2024). Handoyo (2024) provides compelling

meta-analytical evidence that consumer trust in algorithmic recommendations is substantially higher than trust in anonymous peer reviews, suggesting that platform credibility mediates the effectiveness of personalization as a behavioral nudge. The combination of high trust and high personalization creates a particularly potent consumption stimulus that is difficult for consumers to critically evaluate, since the recommendations appear to align with genuinely held preferences. This observation raises important concerns about the distinction between preference satisfaction and preference manipulation in algorithmically mediated markets, a distinction that existing consumer protection frameworks have largely failed to operationalize (Kalaivani et al., 2025).

The behavioral economic mechanisms of loss aversion and scarcity nudging, identified in 78% of reviewed studies, deserve particular attention given their documented capacity to generate impulsive purchasing behavior. Behavioral economics theory, as developed by Kahneman and Tversky, posits that individuals experience losses approximately twice as intensely as equivalent gains, making threats of loss disproportionately motivating relative to equivalent positive incentives (Bozyer & Doğan, 2022; Chen, 2025). Digital platforms exploit this asymmetry through the deployment of countdown timers, limited-stock indicators, and flash sale mechanisms that frame inaction as a potential loss rather than a simple deferral of purchase. Bilous-Sergieieva and Bulygin (2025) provide empirical evidence from online retail environments demonstrating that the activation of scarcity cues produces significant increases in both purchase probability and purchase speed, effectively bypassing the deliberative evaluation processes that normative consumer decision-making requires. The implication of these findings is that a substantial proportion of digital consumption is driven not by genuine consumer need or preference but by artificially induced urgency that manipulates the loss aversion mechanism.

Anchoring bias and framing effects, while slightly less prevalent in the reviewed literature, nonetheless represent highly impactful mechanisms in the context of price

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perception and purchase justification. Anchoring refers to the tendency of consumers to rely disproportionately on the first piece of numerical information encountered — typically an inflated original price — when making subsequent value judgments (Tao, 2023; Bozyer & Doğan, 2022). The ubiquitous practice of displaying crossed-out original prices alongside discounted prices on e-commerce platforms is a direct application of anchoring theory, designed to inflate consumers' perceived value of the discounted offer. Framing effects, as documented by Tao (2023), further demonstrate that the same objective product information can generate dramatically different purchase intentions depending on whether it is presented in a gain frame ("save 30%") or a loss frame ("pay only 70%"), with loss-framed messages generally producing higher purchase motivation. Ni (2024) extends this analysis to demonstrate that the online environment, with its capacity for rapid A/B testing of message framing, allows platforms to optimize anchoring and framing strategies in real time, continuously refining their behavioral effectiveness.

The role of digital payment frictionlessness in augmenting consumer spending constitutes one of the most practically significant findings of this study. Faraz and Anjum (2025) demonstrate empirically that the psychological distance between consumer and financial outlay is directly correlated with purchase hesitation and impulsive buying resistance, and that the progressive reduction of this distance through stored card data, one-click purchasing, and buy-now-pay-later schemes substantially increases average transaction values. The phenomenon of "payment decoupling," wherein the experience of consumption is temporally and psychologically separated from the act of payment, fundamentally alters the cost salience of consumption decisions in ways that systematically favor over-spending (Faraz & Anjum, 2025; Maleha et al., 2025). These findings have important implications for financial regulators, suggesting that the design of digital payment systems represents a public health-level concern with direct consequences

for household financial stability and consumer debt levels.

The demographic heterogeneity revealed in the analysis of social media influencer effects among Generation Z consumers warrants dedicated discussion. The finding that 83% of reviewed studies report significant influencer-driven purchase effects among this demographic cohort reflects the depth to which social media has penetrated the consumption decision-making processes of younger consumers (Ren, 2025; Deswita et al., 2024). Generation Z's digital nativity — their formation of consumer preferences and decision-making heuristics within fully digitized social environments — renders them particularly susceptible to the social proof mechanisms embedded in influencer marketing, as the boundary between peer recommendation and commercial endorsement is far less legible to this cohort than to older demographics. Antczak (2024) further documents that influencer-driven purchase behavior is associated with higher rates of post-purchase rationalization and lower rates of product return, suggesting that the behavioral influence of social media extends beyond the initial purchase decision to shape post-purchase evaluation. The policy implications of this finding are substantial, as they point to the need for age-sensitive digital literacy education programs and stricter disclosure requirements for commercial influencer content.

The conceptual framework developed in this study integrates these diverse findings into a coherent model of digital behavioral consumption. The framework posits that digital platforms function as behavioral laboratories in which multiple cognitive biases are simultaneously activated and mutually reinforcing. Loss aversion and social proof, for instance, are frequently deployed in tandem a product displaying limited availability alongside high review counts activates both the fear of loss and the social validation motive concurrently, producing compound behavioral effects that neither mechanism could achieve in isolation. Zaman et al. (2024) and Monteiro et al. (2024) provide complementary evidence that the digitalization of commerce has produced



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systemic changes in public consumption behavior that are not reducible to individual psychological vulnerabilities but reflect structural features of the digital economy as a whole. This structural perspective is essential for developing policy responses that are commensurate with the scale and sophistication of platform behavioral design, moving beyond individualistic nudge-literacy approaches toward regulatory frameworks that impose transparency and ethical obligations on platform architects (Chuahan & Chavda, 2024).

The implications of these findings for marketing practice and consumer protection policy are multifaceted. For marketing practitioners, the evidence reviewed in this study confirms the behavioral effectiveness of multiple platform design strategies while simultaneously raising ethical questions about the boundaries of legitimate persuasion. Sharma (2024) and Manharbhai (2025) argue that responsible digital marketing requires a deliberate commitment to transparency regarding the behavioral mechanisms deployed, as well as an ethical standard that prioritizes long-term consumer value over short-term transaction volume maximization. For consumer protection regulators, the systematic nature of behavioral manipulation documented in this study constitutes a compelling case for the development of new regulatory categories specifically designed to address platform-level choice architecture, rather than relying exclusively on disclosure-based frameworks that place the cognitive burden of protection on individual consumers. The emerging literature on digital behavioral economics thus converges on a call for a structural reorientation of the relationship between platform design, consumer sovereignty, and market regulation a challenge that demands sustained interdisciplinary engagement between economics, psychology, law, and technology studies.

CONCLUSIONS

This study concludes that consumer behavior in the digital age is fundamentally shaped by a complex and overlapping set of

behavioral economic mechanisms — including herding and social proof, personalized algorithmic recommendations, loss aversion nudges, anchoring bias, framing effects, digital payment frictionlessness, and default bias that digital platforms deploy with systematic intentionality to maximize consumption and platform engagement, often at the expense of rational, need-driven consumer decision-making. The research objective of analyzing changes in consumer consumption patterns through the behavioral economics lens has been fulfilled through the systematic synthesis of 29 peer-reviewed studies published between 2022 and 2025, which collectively reveal that the architecture of digital platforms is not a neutral infrastructure but an active behavioral environment engineered to exploit well-documented cognitive vulnerabilities. The study's contribution to knowledge lies in its integrated conceptual framework that maps specific platform design features onto their corresponding behavioral economic effects, providing a foundation for future empirical research, ethical marketing practice, and the development of regulatory frameworks commensurate with the scale and sophistication of behavioral manipulation in contemporary digital markets.

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REFERENCES



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 DOI : <https://doi.org/10.61942/oikonomia.v3i3.597>

Vol. 3 No. 3, May 2026

- Antczak, B. O. (2024). The influence of digital marketing and social media marketing on consumer buying behavior. *Journal of Modern Science*.
<https://doi.org/10.13166/jms/189429>
- Bilous-Sergieieva, S., & Bulygin, V. (2025). Empirical analysis of behavioral factors in consumer decision-making under digital transformation of online trade. *Reporter of the Priazovskyi State Technical University Section: Economic Sciences*. <https://doi.org/10.31498/2225-6725.41.2025.348900>
- Bozyer, S., & Doğan, S. (2022). The cognitive biases in e-commerce and effects on consumer decisions. *Bartın Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi*.
<https://doi.org/10.47129/bartiniibf.1181624>
- Chen, J. (2025). Behavioral economics and pricing strategy optimization in the digital age: A case study of Spotify. *Advances in Economics, Management and Political Sciences*.
<https://doi.org/10.54254/2754-1169/2025.bl23701>
- Chen, Y. (2025). The impact of behavioral economics on consumer decision-making in the digital era. *Advances in Management and Intelligent Technologies*.
<https://doi.org/10.62177/amit.v1i3.391>
- Chuahan, R., & Chavda, K. (2024). Exploring the influence of behavioral biases on decision-making in digital finance: Implications for financial inclusion and consumer protection. *Journal of Economics, Assets, and Evaluation*.
<https://doi.org/10.47134/jae.v1i3.182>
- Deswita, D., Farisal, U., Purwanto, E., Naila, S., Putri, K. A. W., Putri, K. W., Kamila, L. S., Mumtaz, N. F., & Pratiwi, E. E. (2024). Digital media consumption trends and changing consumer mindsets: A case study of online shopping behavior. *Jurnal Bisnis dan Komunikasi Digital*.
<https://doi.org/10.47134/jbk.v1i4.2839>
- Faraz, N., & Anjum, A. (2025). Spendception: The psychological impact of digital payments on consumer purchase behavior and impulse buying. *Behavioral Sciences*, 15.
<https://doi.org/10.3390/bs15030387>
- Gerlich, M. (2023). The rise of collaborative consumption in EU member states: Exploring the impact of collaborative economy platforms on consumer behavior and sustainable consumption. *Sustainability*.
<https://doi.org/10.3390/su152115491>
- Güngör, A., & Çadırcı, T. O. (2022). Understanding digital consumer: A review, synthesis and future research agenda. *International Journal of Consumer Studies*.
<https://doi.org/10.1111/ijcs.12809>
- Hadi, R., Melumad, S., & Park, E. (2023). The metaverse: A new digital frontier for consumer behavior. *Journal of Consumer Psychology*.
<https://doi.org/10.1002/jcpy.1356>
- Handoyo, S. (2024). Purchasing in the digital age: A meta-analytical perspective on trust, risk, security, and e-WOM in e-commerce. *Heliyon*, 10.
<https://doi.org/10.1016/j.heliyon.2024.e29714>
- Kalaivani, M., Murugan, P. S. B., Selvaraj, V., & Anitha, L. (2025). Analyzing economic determinants of consumer preferences in the digital market using the theory of consumer behavior. *International Journal of Accounting and Economics Studies*.
<https://doi.org/10.14419/mw3cf566>



P-ISSN : 0000-0000
 E-ISSN : 3047-602X
 Available : <https://jurnalhafasy.com/index.php/oikonomia>
 DOI : <https://doi.org/10.61942/oikonomia.v3i3.597>

Vol. 3 No. 3, May 2026

- Liu, Y., Akyzbekova, N., & Abdykadyrov, K. (2025). Exploring the psychological mechanisms behind consumption patterns and their effect on economic expansion. *Environment and Social Psychology*.
<https://doi.org/10.59429/esp.v10i9.4134>
- Maleha, N., Umar, S. H., Kotngoran, W. A., & Huda, M. (2025). Consumption patterns in the digital age: Changing consumers behavior affects the global economy. *Nomico*.
<https://doi.org/10.62872/0bhtc013>
- Manharbhai, V. (2025). Changing consumer behaviour in the digital age: A conceptual study of online purchase decision-making. *International Journal of Global Research Innovations & Technology*.
<https://doi.org/10.62823/ijgrit/03.04.8260>
- Monteiro, T. A., De Oliveira, F. C. R., & Georges, M. R. R. (2024). Connectivity and consumption: Exploring changes in consumer behavior in the digital era. *Innovative Economics and Management*.
<https://doi.org/10.46361/2449-2604.11.3.2024.6-24>
- Ni, Y. (2024). Consumer psychology in the digital age: How online environments shape purchasing habits. *Proceedings of Business and Economic Studies*.
<https://doi.org/10.26689/pbes.v7i5.8497>
- Ren, J. (2025). Behavioural economic analysis of generation Z consumption decision-making in social media environments. *Highlights in Business, Economics and Management*.
<https://doi.org/10.54097/nnb6fm05>
- Sahu, G. R. (2024). Understanding contemporary consumer behaviour in the digital age. *International Research Journal on Advanced Engineering and Management (IRJAEM)*.
<https://doi.org/10.47392/irjaem.2024.0068>
- Shah, N., & Vasudevan, R. (2025). Behavioral economics and its impact on consumer decision-making in digital markets. *International Academic Journal of Innovative Research*.
<https://doi.org/10.71086/iajir/v12i1/iajir1206>
- Sharma, S. (2024). Marketing in the digital age: Adapting to changing consumer behavior. *International Journal of Management and Business Intelligence*.
<https://doi.org/10.59890/ijmbi.v2i1.1330>
- Talukder, M. S., Biswas, M. I., & Azad, N. (2024). The role of online information sources in enhancing circular consumption behaviour: Fostering sustainable consumption patterns in the digital age. *Business Strategy and the Environment*.
<https://doi.org/10.1002/bse.4053>
- Tao, N. (2023). Online consumer behavior: Framing effects, social presence theory and flow experience under e-commercial environment. *Advances in Economics, Management and Political Sciences*.
<https://doi.org/10.54254/2754-1169/12/20230651>
- Wang, K. (2023). The impact of social media on consumer behavior. *Highlights in Business, Economics and Management*.
<https://doi.org/10.54097/1ys3cj95>
- Wibowo, B. Y. (2025). Behavioral economics insights into consumer decision-making in online marketplaces. *Jurnal Ilmiah Manajemen Kesatuan*.
<https://doi.org/10.37641/jimkes.v13i4.3463>
- Yamamoto, Y. H. (2024). Behavioural economics and consumer decision-making in the age of artificial



P-ISSN : 0000-0000
E-ISSN : 3047-602X
Available : <https://jurnalhafasy.com/index.php/oikonomia>
DOI : <https://doi.org/10.61942/oikonomia.v3i3.597>

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intelligence (AI), data science, business analytics, and internet of things (IoT). Social Science Chronicle. <https://doi.org/10.56106/ssc.2024.005>

Yan, Y. (2024). The impact of e-commerce and social media personalized recommendations on consumer behavior in the digital era from the perspective of behavioral economics. *Advances in Economics, Management and Political Sciences*. <https://doi.org/10.54254/2754-1169/59/20231136>

Zaman, D., Khotami, W., Kurniawan, M. I., & Oktoberia, A. (2024). The impact of digitalization on changes in public consumption behavior in the digital economy era. *Oikonomia: Journal of Management Economics and Accounting*. <https://doi.org/10.61942/oikonomia.v2i1.259>