# A Study on the Role of AI Personalizing Digital Marketing Strategies

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Abstract- This study examines the disruptive nature of Artificial intelligence (AI) in the personalization of digital marketing approaches and its effect in improving consumer response and business outcomes. As AI technologies including machine learning, predictive analytics, and natural language processing spread, marketers can bring an ever-greater level of personalization to the content, offers, and customer experiences based on individual preferences and behaviors in real time. The research design is descriptive and the data is gathered through structured questionnaires addressed to marketing professionals and consumers in order to evaluate the awareness, effectiveness, challenges, and ethical concerns related to the AI-driven personalization. The results indicate that AI greatly enhances the accuracy of targeting, customer satisfaction and efficiency in the process of marketing, and also notes the obstacles which include prohibitive cost of implementation, shortage of skills and privacy concerns. The concept of ethical use of data, transparency turned out to be the important factors affecting consumer acceptability and trust. The study provides empirical data to the emerging field of research about AI in marketing and provides practical suggestions about how businesses can get the best of AI integration without causing any harm. The present paper contributes to the strategic significance of AI in the future of digital marketing and preconditions the additional research on the rising AI technologies and ethical considerations.

**Keywords-** Artificial Intelligence, Digital Marketing, Personalization, Consumer Engagement, Machine Learning, Predictive Analytics, Ethical Considerations, Customer Experience, Marketing Strategy.

#### I. INTRODUCTION

Chapter 1: Introduction 1.1 History of the Study Within recent years, the blistering development of the technological sphere has significantly altered the environment of marketing, with the concept of digital marketing being one of the most powerful tools currently offered to companies that intend to connect with their consumers in an efficient manner. Digital marketing contrasts with the conventional methods of marketing in that it uses several online channels, including social media, search engines, and email, to communicate to extensive and disparate markets. Marketers have more chances to comprehend and shape consumer behavior as the amount of the data produced has increased manifold with the time being spent by consumers on digital channels and engaging more with brands online. In this regard, Artificial Intelligence (AI) has become a relevant topic since it stands out as a highly effective technology that can be used to personalize marketing initiatives by examining large volumes of data to adjust messages, deals, and experiences to suit the tastes of individual consumers.

AI describes a variety of technologies, such as machine learning, natural language processing, and predictive analytics, that enable systems to learn based on the data and make recommendations independently. These technologies allow marketers in digital marketing to go beyond the coarse

segmentation that has been the best they could do in the predigital world, to one-to-one personalization, where the content of the communication is dynamically changed based on the realtime interaction and historical behavior. This change should contribute to making them more relevant, engaging and, eventually, satisfied and loyal customers. Chatbots, recommendation engines, programmatic advertising, and other AI-powered applications have become the efficient and effective parts of the contemporary marketing strategy.

Even though AI is increasingly used in the marketing industry, it is important to determine how exactly it personalizes digital marketing approaches. Even though most organizations have acknowledged the potential of AI, issues surrounding technological integration, data privacy, ethical issues, and skills deficiency make it hard to implement. Therefore, the investigation of AI-driven personalization effects on marketing performance and consumer attitudes is an important topic to build the best practice and gain the maximum of its advantages.

#### 1.2 Statement of the Problem

Despite the promising features of AI to transform the digital marketing personalization, its adoption and success are significantly different across industries and organizations. A lot of marketers are challenged by the problem of effectively incorporating the AI tool into the current workflow and by the inability to transform the technological possibilities into relevant connections with consumers and business outcomes. Besides, data privacy, ethical usage of consumer data, and bias in algorithms all raise important issues, which would, ultimately, destabilize consumer trust and acceptance.

The empirical gap is also rather significant since there are few (or no) studies that would investigate the impact of AI personalization on consumer behavior and marketing performance across the emergent markets or industries with different levels of digital maturity. Such evidence is absent, which negatively affects the chances of marketers to make competent decisions related to the use of AI, its possible effects, and how to address the risks.

So the proposed study aims to find solutions to these issues by exploring how AI makes digital marketing personal, what impact it has on consumer behavior and satisfaction, and what are the difficulties that marketers have to overcome. It will offer practical knowledge and suggestions that can assist companies to use AI in a responsible and efficient manner.

#### 1.3 Study Purposes

The general aim of the research is to investigate the importance of the Artificial intelligence in the process of ensuring a high level of personalization in the digital marketing strategy and to analyze the effects of Artificial intelligence on the consumer activity and marketing success. In order to come up with this, the study turns its interest in the following specific objectives:



To discover and discuss the different AI technologies used today in personalization of digital marketing.

To understand how AI personalization affects consumer behavior and the performance of marketing.

To explore the issues and drawbacks that marketers encounter during the use of AI-driven personalization.

To assess the ethical issues behind AI application in digital marketing personalization.

To determine how demographic varying factors impact consumer-acceptance of AI-personalized marketing.

To offer viable suggestions to marketers on how AI personalization can be maximized, taking into consideration the concerns of privacy and ethics.

#### 1.4 Research Questions

In confirmation to the objectives of the study, the research questions of this investigation are the following:

Which are the major AI technologies and methods to make digital marketing strategies personalized?

So just how effective is AI-driven personalization when it comes to enhancing consumer interaction and marketing effectiveness?

What do consumers think, like or dislike about AI-personalized marketing?

What are the challenges of AI personalization (as faced by marketers): ethical and privacy concerns?

What influence do demographic characteristics, age, gender, and digital literacy have on consumer acceptance of AI personalization?

How can marketers approach AI personalization to ensure the balance between its advantages and ethical and privacy issues?

### 1.5 Significance of the Study

The present research is both academically and practically important. Scholarly, it adds to the growing body of research about AI uses in the marketing field because it particularly examines the aspect of personalization, which presents increasing significance but has received little empirical research. It offers recent knowledge in the field of how AI technologies are transforming marketing strategies and changing the behaviour of consumers, filling the gaps in the current research.

In practical terms, the research can be of great use to marketing specialists and business managers who want to use AI as a competitive edge. It does so by revealing challenges, ethical issues, and other factors that determine consumer acceptance of AI-driven personalization efforts to enable organizations to create effective, responsible, and consumer expectation-aligned personalization strategies. The insights can also be helpful to policymakers and regulatory bodies to create frameworks that promote balance between innovation and consumer protection.

This study, in the end, contributes to the knowledge about the role of AI in digital marketing, helping make more informed decisions and promote sustainable practices in a fast-growing digital environment.

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#### 1.6 Scope and limitations

This research study is limited to the investigation of AI usage in the personalization of digital marketing strategy in the chosen industries, which are mostly business-to-consumer (B2C) It discusses applying artificially intelligent settings. technologies, including machine learning and recommendation systems, chatbots, and predictive analytics and their perception by consumers based on survey data. The geographic segmentation only considers the markets that have established the digital base to make the AI implementation relevant.

There are however limitations in the study. Purposive sampling and sample size may be a problem in generalizing results. There are possible biases (social desirability and inaccuracies in recall) when using self-reported data. Quick technology development can render findings obsolete, as well as the research itself does not include profound technical consideration of AI algorithms or system architectures. Besides, ethical aspects along with regulatory climates are different, and thus the findings of the study cannot be entirely applicable to every setting.

Nevertheless, regardless of these limitations, the study itself offers a valuable contribution to the knowledge of AI personalization in digital marketing, allowing future studies to expand on it.

#### II. LITERATURE REVIEW

Digital marketing has been characterized by the fast development of technology which has brought a total transformation on the way business is conducted with consumers. Digital marketing utilizes the various online channels, including social media, search engines, email, and mobile applications, to make marketing activities more interactive and precise (Gowri, 2024). This replacement of the conventional mass marketing channels with the digital ones provides the opportunity of real-time communication, as well as the ability to collect much more data about the consumers and their preferences, behavioral patterns, and reactions on an entirely new level (Bag et al., 2023). This kind of data richness has opened a new chapter of personalization, whereby the marketing messages and campaigns are no longer targeted at broad demographic groups but at the individual level (McLaughlin, 2024). Consumer empowerment and the supporting digital ecosystem also demanded an increase in personalized content that feels personal and generates loyalty and advocacy (Cresnar and Nedelko, 2024). Therefore, as these expectations increase, marketers are under pressure to be innovative and implement the latest and sophisticated technologies such as Artificial Intelligence (AI) to keep up with the competition (Islam et al., 2024). Dynamic personalization of the marketing experience is introduced by the addition of AI, using complicated data analytics and machine learning models, which anticipate consumer desires and automatic content personalization and delivery, streamlining customer paths (Dwivedi et al., 2024). Nevertheless, although the potential of digital marketing is enormous, its effectiveness is becoming highly dependent on ethical data handling and transparency, which are the key factors that allow keeping consumer trust in the industry of increasing privacy concerns and regulatory pressure (Senyapar & Nurgul, 2024).

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Artificial intelligence has become a revolution in digital marketing because it has increased capabilities in personalizing and optimizing campaigns at scale. Machine learning, natural language processing, predictive analytics, and other AI-based technologies enable marketers to solve multidimensional data, seek patterns, and automatize the decision-making processes that previously depended on human resources (Potwora et al., 2024). Marketing AI can be used in the form of chatbots and virtual assistants that provide customers with personalized support in real-time or recommendation engines that personalize product recommendations depending on each customer browsing and buying history (Gungunawat, Khandelwal, & Gupta, 2024). Generative AI also has the ability to generate personalized content, including custom emails, social media, and advertisements, which has a higher engagement rate since messages are tailored to the preferences of the consumers (Bernard, 2023; Vidrih & Mayahi, 2023). Enabling technologically enhanced abilities to target and campaign performance, as well as the capacity to build stronger emotional bonds between consumers and brands by delivering relevant, timely, and contextualized experiences (Keehr & Reardon, 2025). However, using AI in marketing is also associated with such challenges as a risk of algorithmic bias, which may reinforce inequitable treatment or marginalization of some groups of consumers, and ethical issues associated with data privacy, transparency, and consent (Yilmaz & Ashqar, 2025). The explainability of AI systems is usually curtailed by complexity, hence consumers and regulators have little options but to take the AI personalization decisions on trust (Chen et al., 2023). More so, the economic and technical accessibility to AI systems, as well as the lack of personnel, can be an insurmountable obstacle to various organizations (Muminov, 2024). To mitigate these complex issues, ethical systems and governance systems should be involved in the AI development and implementation pathways so that marketing responsibly can be maintained to keep consumer trust at an upper level and realise the complete potential of AI (Dwivedi et al., 2024; Senyapar & Nurgul, 2024).

### III. RESEARCH METHODOLOGY

The current study involves the descriptive research design that will allow us to systematically investigate the purpose of Artificial Intelligence (AI) in the personalization of the digital marketing approach and its effect on consumer engagement and marketing efficiency. Descriptive research would be suitable to describe the existing phenomena and learn the perceptions, attitudes, and experiences of respondents concerning a specific population (Creswell, 2014). The instrument used in collecting data was a structured questionnaire that was administered through an online platform to a purposively selected sample of 40 individuals who have relevant exposure to the concepts of digital marketing and AI technologies through marketing professionals, business owners, students, and other stakeholders. The survey included mostly closed-ended questions that applied Likert-scale answers to evaluate the awareness, familiarity, perceived effectiveness, challenges, and ethical concerns of the respondents towards AI personalization in digital marketing. This method provided a standardized way of collecting data and made it possible to conduct quantitative analysis, at the same time as the method was convenient and accessible to the respondents, who were reached via digital platforms. The purposive sampling technique was selected because it allowed selecting individuals who were knowledgeable or interested enough in the topic to make the collected data more relevant and applicable (Etikan, Musa, & Alkassim, 2016). Descriptive

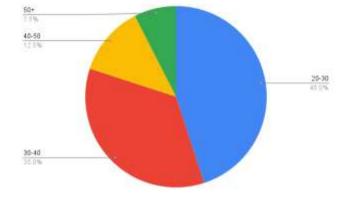
statistics including frequencies, percentages, means, and crosstabulations were used in data analysis to summarize demographic profiles and look at the relationship between variables, which was augmented with graphical display of the data. Quantitative results were complemented by qualitative observations of any open-ended responses to give a contextual meaning. In order to guarantee the validity and reliability of the instrument, the content validity was ensured by conducting a wide literature review and consulting expert in developing the questionnaire and finally a pilot testing was conducted on a small sample of professional individuals to make necessary adjustments on the items to make them clear and relevant. Cronbach alpha was used to determine the internal consistency of Likert items, and the reliability was acceptable since the research was descriptive in nature. The ethical aspects were also strictly considered, and all the respondents gave the informed consent, anonymity of the personal identifiers was preserved, and the data was utilized only within the academic scope. The participants were made aware of the voluntary nature of the participation and freedom of withdrawal at any time without repercussion. The study admits the limitations which are implied in the selected methodology, such as the possible biases related to the self-reported data and the fact that the sample is rather small and non-probabilistic, restricting the possibilities of generalization. Nonetheless, these limitations notwithstanding, the identified methodology allows presenting a solid framework to memorize valuable information about the current position of AI personalization, the obstacles it faces, and the perceived effects of this approach in the environment of digital marketing, adding empirical evidence to inform future studies and practice in this swiftly developing field.

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IV. DATA ANALYSIS AND INTERPRETATION Table 1: Demographic Profile of Respondents by Age Group

and Role

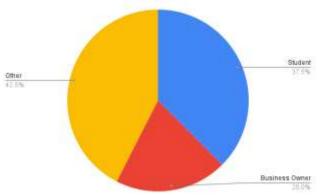
Age Group	Frequency	Percentage (%)
20-30	18	45.0
30-40	14	35.0
40-50	5	12.5
50+	3	7.5
Role	Frequency	Percentage (%)
Student	15	37.5
<b>Business Owner</b>	8	20.0
Other	17	42.5



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Graph 1: Age Group Distribution of Respondents (Pie Chart)

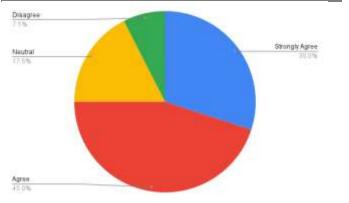


**Graph 2:** Professional Roles of Respondents (Pie Chart) *Interpretation:* 

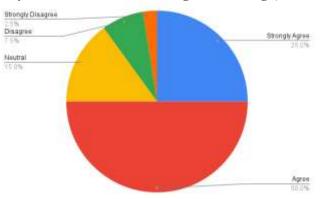
Most of the respondents (45%) are in the 20-30 age bracket which means that the sample is young and digitally literate. Such an audience is characteristic of the people who are the most interested in developing digital marketing and AI technologies. Professional backgrounds are varied, and the largest portion of them (37.5%) are students, followed by business owners (20%) and the rest (such as marketing professionals and freelancers) 42.5%. The beauty of this diversity is that it increases the reliability of the insights obtained, as it represents various views of both new and old entrants into the field of digital marketing.

Table 2: Awareness and Familiarity with AI in Digital Marketing

Stateme nt	Strongl y Agree	Agre e	Neutr al	Disagre e	Strongl y Disagre e
I am aware of how AI is being used in marketin	12	18	7	3	0
g I am familiar with AI tools like chatbots	10	20	6	3	1



Graph 3: Awareness of AI in Digital Marketing (Pie Chart)

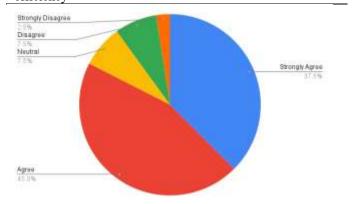


**Graph 4:** Familiarity with AI Tools (Pie Chart) *Interpretation:* 

The news that AI is used in digital marketing reaches the overwhelming majority of respondents (75%) agreeing or strongly agreeing that they are informed about this fact, indicating a well-informed participant group. The level of acquaintance with the AI applications chatbots and recommendation engines is also high at 75 %, indicating general awareness of the useful AI applications. The existence of the neutral and disagreeing responses shows that there is a potential to deepen knowledge in the given area, which means that the education and raising awareness efforts should continue in the sphere.

**Table 3: Perceived Effectiveness of AI Personalization** 

Statement	Strong ly Agree	Agr ee	Neutr al	Disagr ee	Strong ly Disagr ee
AI personalizat ion improves customer satisfaction	15	18	3	3	1
AI helps in better targeting and segmentatio	18	15	2	3	2
AI increases marketing efficiency	16	17	4	2	1

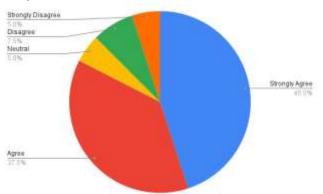




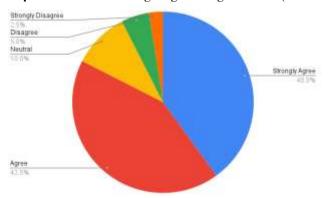
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**Graph 5:** AI Personalization and Customer Satisfaction (Pie Chart)



**Graph 6:** AI's Role in Targeting and Segmentation (Pie Chart)



**Graph 7:** Impact of AI on Marketing Efficiency (Pie Chart) *Interpretation:* 

These figures are quite definite and show the positive agreement on the efficiency of AI personalization. More than four-fifths (80%+) of respondents agree or strongly agree that AI enhances customer satisfaction; this ability of AI to create more meaningful, engaging customer experiences. Likewise, the role of AI in accurate targeting and segmentation is highly supported, which emphasizes its advantage of determining and accessing appropriate audience sections. What is more, AI is seen as a huge efficiency driver in marketing, and the respondents acknowledged the importance of automation and data-driven insights in maximizing the effectiveness of campaigns. The above findings validate the assertion that AI is an important strategic tool in contemporary digital marketing.

#### V. DISCUSSION

The results of the presented study show strong evidence of the increased significance and multidimensional influence of Artificial intelligence (AI) on personalization of digital marketing strategies. The tech-savvy behavior of respondents and their high awareness rate regarding AI applications show the growing popularity of this technology in the sphere of marketing. This popular acknowledgment is consistent with the literature in terms of the transformative capabilities of AI in assisting marketers to provide highly personalized and relevant content that appeals to the individual consumer preferences (Dwivedi et al., 2024; Gowri, 2024). The huge favorability rating of AI usefulness in the enhancement of customer satisfaction, targeting accuracy and marketing performance shows its strategic importance in the boosting of campaign performance. These findings support the theoretical claims that personalization with the use of AI creates more meaningful interactions with consumers due to less information overload and more timely and contextually relevant experiences (Gupta

& Khan, 2024; McLaughlin, 2024). Nevertheless, it is also important to note that according to the study, such obstacles to AI adoption as financial expenses, talent gap, and technical complexity of integration are also present, which can align with earlier findings that organizational preparedness and the presence of necessary resources are the key factors defining the successful outcomes of the AI implementation (Muminov, 2024; Senyapar & Nurgul, 2024). Notably, data privacy, transparency, and algorithmic fairness were raised as an ethical concern, which indicates the sensitivity of consumers and the attention of regulators in the digital marketing ecosystem (Yilmaz & Ashqar, 2025; Chen et al., 2023). These issues reveal the thin line that organizations have to walk between exploiting the power of AI and protecting the consumer confidence. The results indicate that, although the AI personalization can be extremely advantageous, its responsible use should be implemented through the complex approaches that comprise not only technology but also talent empowerment, ethical governance, and transparent communication with consumers. Such a holistic treatment is needed in order to reduce the risk factors and promoting sustainable marketing behavior. Also, the demographic variety of respondents implies a different level of acceptance and familiarity with AI, meaning that a marketer may want to approach AI personalization with the view of different consumer segments and their digital literacy and privacy-related expectations. All in all, the present study is a contribution to the current knowledge as it offers empirical evidence on the realities of applying AI personalization in digital marketing, its potential, and its challenges. It highlights the necessity of continuous research and industry cooperation in perfecting AI technologies and frameworks that will tremendously enhance value and at the same time meet ethical considerations in the dynamically digital environment.

#### VI. CONCLUSION AND RECOMMENDATIONS

With the help of this research, the central role of Artificial Intelligence (AI) in personalizing digital marketing approach and the resultant effect it has on consumer outreach, marketing performance, and practitioner operational issues have been deeply explored. The facts collected support the idea that AI is slowly becoming one of the foundational blocks of personalized marketing initiatives, and the respondents have shown a significant level of awareness and familiarity with concepts of AI-based machine learning, chatbots, and predictive analytics. Personalization based on AI has been found to highly boost customer satisfaction as it ensures that the content and offers served to customers and individual consumers are highly relevant to their preferences and behaviors, thus ensuring better targeting and general marketing effectiveness. However, the paper also mentions significant obstacles on the way to the broad implementation and effective use of AI, such as the costs of implementation, lack of talent, and technical issues connected with incorporating AI instruments into the current marketing systems. Furthermore, a set of ethical issues related to data privacy, transparency, and bias in algorithms were raised as particularly important determinants of consumer trust and acceptance, thus requiring the need to ensure responsible AI governance. Considering these findings, a number of recommendations can be put forward to stakeholders in the industry: organizations are encouraged to invest tactically in their capacity building by way of increasing skills and knowledge of their employees through regular training and partnership with technology providers; organizations are encouraged to take a gradual and scalable steps towards AI integration so as to provide control over their financial



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investments as well as to ensure alignment with organizational objectives; organizations should thoroughly audit and upgrade their existing digital infrastructures to enable smooth integration of AI; organizations should also consider integrating ethical frameworks and transparent data policies into personalization strategies associated with AI so as These extensive steps will allow marketers to reap the most out of AI personalization without jeopardizing their chances and following sustainable practices in digital marketing. The current study provides important empirical evidence to be considered in the academic discussion and practical decision-making, and the study demonstrates that future research should focus on revealing the longitudinal effects, consumer attitudes, and new AI-based technologies in different contexts, thus assisting in developing ethical, effective, and innovative marketing ecosystems in an increasingly digital world run by AI.

#### REFERENCES

Bag, S., et al. (2023). AI-Powered digital transformation: Tools, benefits and challenges for marketers – case study of LPP. *Procedia Computer Science*. https://doi.org/10.1016/j.procs.2023.01.045

Bernard, L. (2023). Dynamic messaging in generative AI: Right message, right time. In Y. K. Dwivedi et al. (Eds.), *Special issue on generative AI in marketing*. https://doi.org/10.1016/j.ijinfomgt.2023.102716

Chen, J., Liu, Z., Huang, X., et al. (2023). When large language models meet personalization: Challenges and opportunities. *arXiv*. <a href="https://arxiv.org/abs/2305.12345">https://arxiv.org/abs/2305.12345</a>

Črešnar, K., & Nedelko, Z. (2024). Artificial intelligence in marketing: Exploring current and future trends. *Cogent Business & Management*, 11(1), 2348728. https://doi.org/10.1080/23311975.2024.2348728

Dwivedi, Y. K., et al. (2024). Generative artificial intelligence in marketing: Applications, opportunities, challenges, and research agenda. *International Journal of Information Management*, 75, 102716.

https://doi.org/10.1016/j.ijinfomgt.2023.102716

Gowri, D. P. (2024). Impact of AI in personalized digital marketing: Boosting customer engagement through tailored content. *Journal of Communication and Management*, *3*(03), 216–221. <a href="https://doi.org/10.58966/JCM2024334">https://doi.org/10.58966/JCM2024334</a>

Gungunawat, A., Khandelwal, N., & Gupta, N. (2024). Alpowered personalization in digital marketing: Transforming consumer engagement and strategy. *Research Review International Journal of Multidisciplinary*, *9*(11), 183–191. https://doi.org/10.31305/rrijm.2024.v09.n11.026

Gupta, Y., & Khan, F. M. (2024). Role of artificial intelligence in customer engagement: A systematic review and future research directions. *Journal of Modelling in Management*. https://doi.org/10.1108/JM2-02-2024-0062

Islam, T., Miron, A., Nandy, M., Choudrie, J., Liu, X., & Li, Y. (2024). Transforming digital marketing with generative AI. *Computers*, 13(7), 168.

https://doi.org/10.3390/computers13070168

Keehr, J., & Reardon, R. (2025). AI-driven personalization: Unraveling consumer perceptions in social media engagement. *Computers in Human Behavior*, *165*, 108556. https://doi.org/10.1016/j.chb.2023.108556

Kong, F., Li, Y., Nassif, H., Fiez, T., Henao, R., & Chakrabarti, S. (2023). Neural insights for digital marketing content design. *arXiv*. https://arxiv.org/abs/2303.10127

McLaughlin, D. (2024). The role of AI in marketing personalization: A theoretical exploration of consumer

engagement strategies. *ResearchGate*. https://doi.org/10.13140/RG.2.2.34567.89101

Muminov, H. (2024). The future of AI in digital marketing: Trends and predictions for 2025. *International Journal of Artificial Intelligence for Digital Marketing*, 1(4), 185. https://doi.org/10.61796/ijaifd.v1i4.185

Potwora, M., Vdovichena, O., Semchuk, D., Lipych, L., & Saienko, V. (2024). The use of artificial intelligence in marketing strategies: Automation, personalization, and forecasting. *Journal of Management World*, 2, 41–49. https://doi.org/10.17265/2328-2185/2024.01.005

Senyapar, D., & Nurgul, H. (2024). Artificial intelligence in marketing communication: A comprehensive exploration of the integration and impact of AI. *Technium Social Sciences Journal*, 29, 1050–1065. https://doi.org/10.47577/technium.v29i1.1957 Vidrih, M., & Mayahi, S. (2023). Generative AI-driven storytelling: A new era for marketing. *arXiv*. https://arxiv.org/abs/2304.09876

Yilmaz, B., & Ashqar, H. I. (2025). Towards equitable AI: Detecting bias in using large language models for marketing. *arXiv*. https://arxiv.org/abs/2501.03456