Explanatory and Descriptive Study Using Digital Marketing and Artificial Intelligence

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Abstract
Traditionally Digital Marketers were hesitant to use AI in digital marketing, but with the advancement of AI and its outcomes, AI has proven that it can and will bring dynamic changes to the marketing industry, dispelling much of the uncertainty. Digital Marketing Plan can improve from AI. AI is not around to take over marketers' and advertising' employment; it's here to help them achieve their full innovative and operational potential.The study examines consumer experiences in several business domains, demonstrating the significance of innovative technology and its effects on customer preferences and decisions. The study is supplemented by the use of qualitative analytical tools to understand the digital marketing process. Explanatory and descriptive studies are conducted on digital marketing technologies. With the support of prior research studies, the article explains artificial intelligence and its effects or importance in marketing and digital preferences with consumer experience.

Keywords: Analytical, Digital, Domains, Explanatory and Intelligence.

Introduction

Artificial intelligence differs from the natural intelligence demonstrated by computers. It involves the machines' consciousness and emotions. The machines' intelligence is comparable to that of humans and animals. For digital marketers, artificial intelligence is altering the customer experience. Digital marketing is becoming more efficient, and artificial intelligence is helping to improve the user experience. Customers' experiences are being elevated to a new degree of delight because to Artificial Intelligence. Artificial intelligence (AI) is altering digital methods to boost customer happiness. Chat bots are a common example of Artificial Intelligence used to give the best possible customer experience. Your chat bots are available 24 hours a day, 7 days a week, while everyone else is sleeping dizzy and agitated The strategies for digital marketing are being improved and advanced in order to deliver better results he priceless client feedback.The collecting of data, analysis of the data, and processing of the data may all be done with Artificial

Intelligence, and the data can then be saved for later use. Artificial Intelligence is getting better every day. Companies are utilising these technologies on a daily basis. increase the effectiveness of digital marketing techniques It also provides. the organisations' essential understandings and vision Artificial intelligence will become increasingly important in the future, especially as the world becomes more digitised. Timely products are required, as is digitization. to a higher level of marketingArtificial intelligence is bringing products and businesses into the digital future. Automated machinery, robots, sensing devices, Google AI, Smart Siri, automated cars (Tesla's self-driving car), and many other businesses are using Artificial Intelligence into their operations, transforming the digital marketing trend for business and consumer happiness.

Client experience management, often known as CXM or CEM, is a set of marketing methods and innovations that focuses on customer commitment, fulfilment, and experience. CXM is a means of dealing with client relationships that goes beyond promoting devices and programmes, with the goal of bringing about a significant change that truly puts customers at the centre of the organisation. The executive's perspective on client experiences focuses on the coordination and personalization of the entire start to end client experience, and assists with doing so at scale, on any channel, and on a continuous basis.The relationship between artificial intelligence and digital marketing is growing more successful, and many businesses are incorporating artificial intelligence into their marketing, advertising, and public relations initiatives. Artificial intelligence has become intertwined with digital marketing and is now considered a component of it.Because AI provides a wide range of assistances, benefits, and many possibilities for repeating a task with the same level of precision. Artificial Intelligence is the reality of future digital marketing, and it is critical for products to use technology to increase the number of customers, capture their attention, and improve their experience so that they become repeat customers for the brand and manufacturing company. Customers who conduct business with companies that use chat bots do not have to wait in line. Customers' questions are responded to via chat bots or robots.Companies used to be hesitant to use technology into their marketing plans in order to improve their client experience and grow their businesses, but in recent years, artificial intelligence has become more vital and crucial in digital marketing. Amazon is one of the most well-known firms today, and it use artificial intelligence to serve its customers by displaying products that are related to their prior searches. When a customer is pleased with their search experience and receives a tailored response, they become a repeat customer. Artificial Intelligence (AI) is transforming the commercial world and the digital marketplace. Customers are increasing for businesses because artificial intelligence is improving every day, and it can now make quick decisions based on data and through technological data management systems that aid in managing customer preferences and the richness of consumer marketing through automation and extensive digitalization.

Review of Literature

Batra, (2019)[1] Customer experience and artificial intelligence have been linked in such a way that consumer empowerment gained through social media has a significant impact on a company's or business's reputation. The use of disruptive and new technical advances in digital marketing is quite helpful in improving customer happiness by enhancing customer experiences. Artificial intelligence's elaborative function in customer excellence is bolstered by digitization and employees' enthusiastic dedication to improving client experiences. Customers' purchasing patterns are also influenced by digital marketing and artificial intelligence through the assessment of needs, the search for alternatives, and the consideration of ideas at the point of purchase. The purchase step entails making a decision, arranging payment options, and obtaining client satisfaction.

Mohannad Abu Daqar & Ahmad (2019)[2] Highlighted how artificial intelligence is used in digital marketing to improve client experiences in several industries. Customers' digital experiences are influenced by telecommunication companies, banks, search engines, and a variety of other businesses. Through artificial intelligence, the impact of digitization is directly influenced by improved customer service, sale-purchase assistance, and effective corporate management techniques.

(Daqar&Smoudy, 2019)[3] An increase in the frequency of online shopping, the use of social media to boost business, the promotion of small businesses on various social media sites, the promotion of products through online advertisements, and an increase in the frequency of online bookings, with a focus on customer support and services, as well as after-sale support using technological innovations.

Stone et al., (2020)[4] Focus on the evolution of marketing methods that reach target customers utilising different technologies in company planning strategies with the goal of enhancing operational marketing productivity and increasing the yield of great customer experiences.
Artificial intelligence in the business model and digital interface plays a key part in decision-making processes involving computational aspects such as data sets and the business project's long-term viability.

Related Work and Discussion

The qualitative data analysis is used to investigate the relationship between customer experience and the enhancement of company approaches with innovative technology. The research is based on secondary analysis, which includes a review of several articles as well as descriptive work on client experiences. As part of the research, the qualitative analysis of research work concentrating on the themes of digital technology, digital marketing, and disruptive technology is examined. Artificial intelligence is explored from the standpoints of marketing and management in order to impact customer experiences and speed up the process of adopting online AI-based technology transforming business models into the digital media.The articles used are focused on customer experience niches, including variables such as perception, interaction, communication, customer care representation, business navigation, product receiving, and product delivery, as well as exchange policies that incorporate artificial intelligence conceptual frameworks. The impact of digitalization on customer experiences and long-term supply chain performance is also examined in depth. Digitalization and automated company management methodologies can be used to investigate customer experience innovation. The advantages of chatbots, virtual assistants, and robots are also examined, which are useful in determining the value of digital marketing and artificial intelligence in company marketing.

The three major divisions are used to organise the concepts.
- Artificial intelligence, digital marketing, and digitalization applications on customer experiences are among the topics covered.
- The research in the artificial intelligence and customer experience themes look at the advantages and disadvantages of artificial intelligence in business and marketing. In this theme, the customer experience with digital marketing is also examined in order to grasp the principles of technology and business.
- The third subject is the impact of digital media on corporate success and customer satisfaction as measured by customer experiences.

Conclusion

Concept 1 describes how AI and digital marketing can be used to improve consumer experiences by using various technologies. This theme has been studied in numerous publications and papers. The key is to use AI technologies such as Customer Service, automated communications, automated tasks, content personalisation, and many other factors to assist achieve maximum customer happiness.The importance of media and digitalization in the powering of customer experiences is explained. In controlling corporate processes, software robots and IT systems are far more effective. Rather than replacing overlay systems with automation and AI integrated for customer management practises and branding advertising opportunities upgrades, talent outsourcing, data collection, and deploying Bot system with AI techniques employing infrastructure.

Concept 2 The relevance of decision making for product selection and marketing with novel technical innovations and interactions is explained in Theme 2: Digital Marketing Benefits for Customer Experiences. This subject is heavily focused on digital assistance through chat bots, process automation, business assistants, cloud tools, and a variety of other apps that help in influencing the largest number of consumers.

Concept 3 focuses on the impact of digitalization on company strategies and applications that demonstrate the efficacy of artificial intelligence and business management. The value of digitization and conceptual development is explained through the study of digital customers and consumers using context-specific and content-specific applications. The importance of business strategies and digital interfaces plays a big role in determining how effective a company is. The theme emphasises on the value of applications in terms of comprehending online business and e-commerce concepts through real-time applications that employ artificial intelligence and the digitalization process. The impact of chat bots and automation on corporate effectiveness and business models using cutting-edge technologies and interactive mediums is significant.

References

1. Batra, M. (2019). Strengthening Customer Experience through Artificial Intelligence: An upcoming Trend. Research Gate
2. Daqar, M. A. M. A., & Smoudy, A. K. A. (2019). THE ROLE OF ARTIFICIAL INTELLIGENCE ON ENHANCING CUSTOMER EXPERIENCE.
3. Cova, B. (1996) 'What postmodernism means to marketing managers', European Management Journal. Vol. 14, No. 5, pp. 494–499.
4. Gregor, S. (2006) 'The nature of theory in information systems', MIS Quarterly. Vol. 30, No. 3, pp. 611–642.
5. IBM. (2018), AI Publications. Available from: https://www.research. ibm.com/artificial-intelligence/publications. [Last accesssed on 2019 May 23].
6. InMoment. (2018), What Brands Should Know About Creating Memorable Experiences (Rep). Available from: http://www.inmoment.com/wpcontent/uploads/2018/02/2018_CX_Trends_ Report-1.pdf. [Last accessed on 2019 May 22].
7. OECD. (2015), The Innovation Imperative: Contributing to Productivity, Growth and Well-Being. Paris: OECD Publishing.
8. Oracle. (2017), 5 Data-driven Tech Trends Shaping Customer Experience (Rep.). Available from: http://www.oracle.com/us/products/ applications/cx-trends-ebook-3613741.pdf. [Last accessed on 2018 Nov 10]