International Journal of Computer Science and Engineering (IJCSE) ISSN (P): 2278–9960; ISSN (E): 2278–9979 Vol. 12, Issue 2, Jul–Dec 2023; 219–244 © IASET



LEVERAGING ARTIFICIAL INTELLIGENCE TO ENHANCE CUSTOMER ENGAGEMENT AND UPSELL OPPORTUNITIES

Ashish Kumar¹, Archit Joshi², FNU Antara³, Dr Satendra Pal Singh⁴, Om Goel⁵ & Pandi Kirupa Gopalakrishna⁶

¹Scholar, Tufts University, DMW Colony Patiala, Punjab India

²Scholar, Syracuse University, SyracuseColma CA 94014, USA

³Scholar, University of the Cumberlands, Kentucky, USA

⁴Ex-Dean, Gurukul Kangri University, Haridwar, Uttarakhand, India

⁵Independent Researcher, Campbellsville University, Hayward, CA, 94542, USA

ABSTRACT

Leveraging Artificial Intelligence (AI) to enhance customer engagement and upsell opportunities has transformed the way businesses interact with their customers. AI technologies such as machine learning, natural language processing, and predictive analytics are driving personalized customer experiences, leading to higher engagement and more effective upselling strategies. By analyzing vast amounts of customer data, AI enables companies to understand customer behavior, preferences, and buying patterns in real time. This data-driven approach helps businesses offer personalized product recommendations and targeted promotions, which are more likely to resonate with customers.

AI-powered chatbots and virtual assistants can engage with customers across multiple touchpoints, providing instant support and relevant product suggestions. This not only improves customer satisfaction but also creates additional opportunities for upselling by identifying complementary products or services during interactions. Predictive models can further identify which customers are most likely to purchase high-value products, allowing businesses to focus their efforts on the most promising segments.

Furthermore, AI enables continuous optimization of engagement strategies by learning from customer interactions and adjusting recommendations over time. This dynamic approach ensures that businesses remain agile, responding to shifts in customer preferences and market conditions. As a result, AI is not only improving the customer journey but also maximizing revenue through intelligent upselling, making it a critical tool for businesses looking to stay competitive in today's digital landscape.

KEYWORDS: Artificial Intelligence, Customer Engagement, Upsell Opportunities, Machine Learning, Predictive Analytics, Personalized Recommendations, AI Chatbots, Customer Data Analysis, Targeted Promotions, Real-Time Optimization, Business Revenue, Digital Transformation

Article History

Received: 22 Oct 2023 | Revised: 28 Oct 2023 | Accepted: 02 Nov 2023

www.iaset.us editor@iaset.us