

Product Monitoring and Reputation Management

Submitted in partial fulfillment of the requirements for the award of
Bachelor of Engineering degree in Computer Science and Engineering
with Specialization in Artificial Intelligence

By

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BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of **Sethuramalingam G (40731090)** who carried out the project entitled **“Product Monitoring and Reputation Management”** under my supervision from November 2023 to April 2024.

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DECLARATION

I, **Sethuramalingam G (Reg. No. - 40731090)**, hereby declare that the Project Report entitled “**Product Monitoring and Reputation Management**” done by me under the guidance of **Ms. B. Balasaigayathri M.E.**, is submitted in partial fulfilment of the requirements for the award of Bachelor of Engineering degree in **Computer Science and Engineering**.

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ABSTRACT

Online reviews are considered as one of the most essential sources of client opinion. In current scenario, consumers can learn about the products and services using online review resources to make decisions. The customer reviews for numerous products plays a very vital role not only for purchasers, But also for the firms. Consumer reviews are used by companies as feedback in their product development strategies and in the management of consumer relations. Due to their disorganized nature, consumer reviews with valuable information still face difficulties in navigating information. Driven by a need for profit, some organizations may generate spam reviews regarding different products or their own product which may mislead customers to buying unworthy product. Because of its promising commercial benefits, sentiment analysis has become one of the most interesting subjects in text analysis. The findings of this study shed light on the challenges and opportunities associated with product monitoring and reputation management in various industries. Moreover, the report presents a series of best practices and recommendations for businesses seeking to enhance their product monitoring capabilities and reputation management strategies. Through a deep exploration of real-world examples and current industry trends, this report not only emphasizes the importance of proactive product monitoring but also highlights the significance of a well-crafted reputation management strategy. It is evident that the effective management of product quality and reputation not only safeguards a company's brand but also fosters trust among stakeholders, enhances customer loyalty, and ultimately contributes to sustained business success. This project report serves as a valuable resource for professionals, executives, and researchers in the fields of marketing, public relations, and business management, providing insights and actionable recommendations to navigate the complex landscape of product monitoring and reputation management in the digital age.

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