 **Chalapathi Institute of Engineering and Technology (Autonomous)**

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Department of Computer Science & Engineering (Accredited by NBA)

**Flipkart Reviwes Sentiment Analysis Using Deep Learning**

**ABSTRACT**

The "Flipkart Reviews Sentiment Analysis Using Deep Learning Python Project" uses advanced deep learning techniques to analyze sentiment expressed in customer reviews on Flipkart e-commerce platform This project aims to provide valuable insights value in terms of customer satisfaction A model that can classify reviews as positive, negative or neutral is a must have. Leveraging Python and deep learning frameworks, the project focuses on training a sentiment analysis model with a diverse dataset of Flipkart reviews. The abstract emphasizes the application of cutting-edge techniques to enhance the understanding of customer sentiments and improve the overall user experience on the platform. Reading separately evaluations takes a number of time,so what we are able to do is summarize the complete review into three points. For this we can be the use of Sentiment intensity analyzer set of rules. It is greater inexperienced than some other set of rules like visualization or records mining.

**KEYWORDS:**

Data Science, Sentiment Analyze, Opinion Mining, Reviews,E-Commerce,Natural Language Processing,Semantic Analyze

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**PROBLEM STATEMENT**

E-commerce systems, consisting of Flipkart, collect a giant quantity of purchaser feedback via evaluations. To gain actionable insights into purchaser sentiments, it is vital to expand a robust sentiment evaluation device.The purpose of this mission is to leverage deep studying techniques to create an accurate sentiment category model for Flipkart critiques. The device have to robotically categorize reviews as superb, negative, or impartial, enabling Flipkart to understand customer delight stages,become aware of regions for development, and decorate the overall consumer enjoy.The assignment must address challenges associated with diverse product categories,varying review lengths, and evolving language nuances within purchaser feedback. The final results is anticipated to be an efficient and deployable solution that aids in selection-making and purchaser-centric upgrades on the Flipkart platform.

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