

Rajalakshmi Engineering College

Department of Artificial Intelligence & Machine Learning

III Year (2025 – 2026) - AI23521: Build and Deployment of ML app

Mini Project - Abstract

Title	COMMENT SENTIMENT ANALYSER	
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Project ID		

Abstract

The **Comment Sentiment Analyzer** is a web application that identifies the emotional tone of user comments as **positive, negative, or neutral**. Built using **Flask** and the **VADER sentiment analysis model**, it applies Natural Language Processing (NLP) techniques to evaluate text input and generate sentiment scores with confidence levels. The interface is designed for simplicity and interactivity, providing real-time feedback with visual cues and emojis to enhance user understanding. This system can be effectively used to analyze customer reviews, social media feedback, or audience responses, offering quick and accurate insights into public opinion. Its lightweight design and accurate predictions make it a practical tool for research, content evaluation, and sentiment monitoring.

SUPERVISOR

REVIEWER