



Sentiment Analysis of Movie Reviews

Mentor:
Ms. Charu
Asst. Professor
CSE Dept.

By:
Geetansh
Karan
Kritarth
Mahak

INTRODUCTION

What is Sentiment Analysis?


Use of natural language processing, text analysis and computational linguistics to identify and extract subjective information in source materials.

- Aims to determine the attitude of a speaker.
- Aims to extract subjective information from the text.
- Aims to determine the overall polarity of text.



PROBLEM STATEMENT

One of the most important elements for businesses is being in touch with its customer base. In this study, the framework is used to understand sentiment analysis.

- Now a days movies are a great source of entertainment to the people.
 - The reviews (online/offline) matters in the overall profit of the movie.
 - Movie reviews given can be used in text classification for analysing.
 - The problem is aimed at making use of natural language processing in interpreting Movie Review dataset.
- 

NEED OF THE PROJECT

- It can be extremely useful in social media monitoring.
- Every cinematographer needs to analyse viewer's review.
- Essential part of market research.
- Useful for customer service approach.



FEATURES

- To identify the underlying sentiment of a movie review on the basis of its textual information.
- To classify whether a person liked the movie or not based on the review they give for the movie.



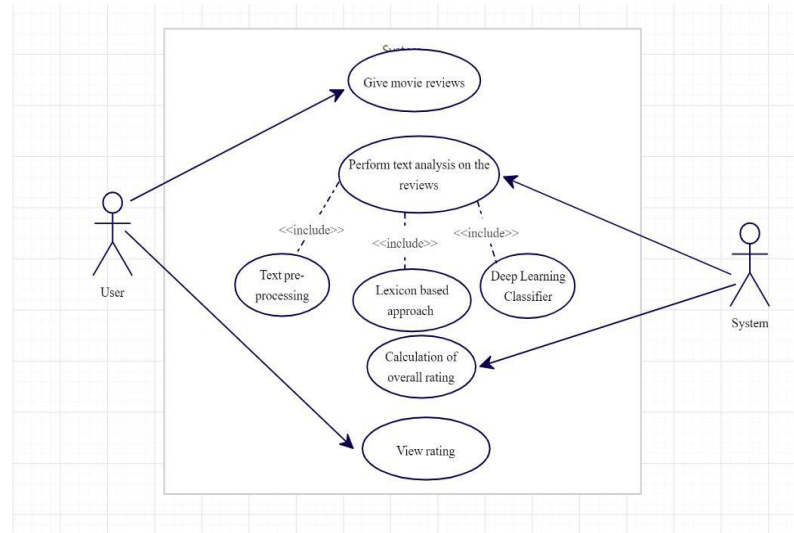
OBJECTIVE

- This project will implement a Deep Learning model that can classify movie reviews as positive or negative.
- The model will take a whole review as an input and provide label ratings for checking whether the review conveys a positive or negative sentiment.



DESIGN PHASE

USE CASE DIAGRAM



DATA FLOW DIAGRAM

