SENTIMENTAL ANALYSIS
A Project Report

Submitted by

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In fulfillment for the award of

the degree of

Bachelor of Engineering
in

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Under the guidance of

Prof. Mridul Mishra.

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Certificate

This is to Certify that Project-II -Subject code 203105350 of 6th Semester entitled "Sentimental Analysis" of Group No. 39 has been successfully completed by

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ABSTRACT

Human Computer interaction is a very powerful and most current area of research because the human world is getting more digitised. This needs the digital systems to imitate the human behaviour correctly. Emotion is one aspect of human behaviour which plays an important role in human computer interaction, the computer interfaces need to recognize the emotion of the users in order to exhibit a truly intelligent behaviour.There is still a question on how to detect emotion from a text input. To solve this problem, this project generates an Emotion Recognition Model to extract emotion from text at the sentence level. Our method detects emotion from a text-input by using different deep learning algorithms like CNN, LSTM, SVM and HAN. The experiments show that the method could generate a good result for emotion detection from text input. To recognize emotion from text we have considered six emotions class such as joy, sadness, anger, love, fear, surprise).