**Sentimental analysis**

Sentimental analysis refers to the use of natural language processing, text analysis and computational linguistics to identify and extract subjective information in source materials.

Generally speaking, sentimental analysis aims to determine the attitude of a speaker or a writer with respect to some topic or the overall contextual polarity of a document. The attitude may be his or her judgment or evaluation, affective state, or the intended emotional communication.

Sentiment analysis is widely applied to reviews and social media.

**Yelp** has been one of the most popular sites for users to rate and review local businesses.

Each review in the training dataset is classified as good or bad based on the rating given to it. The goal of our project is to apply existing supervised learning algorithms to predict a review‘s polarity on a given numerical scale based on text alone.