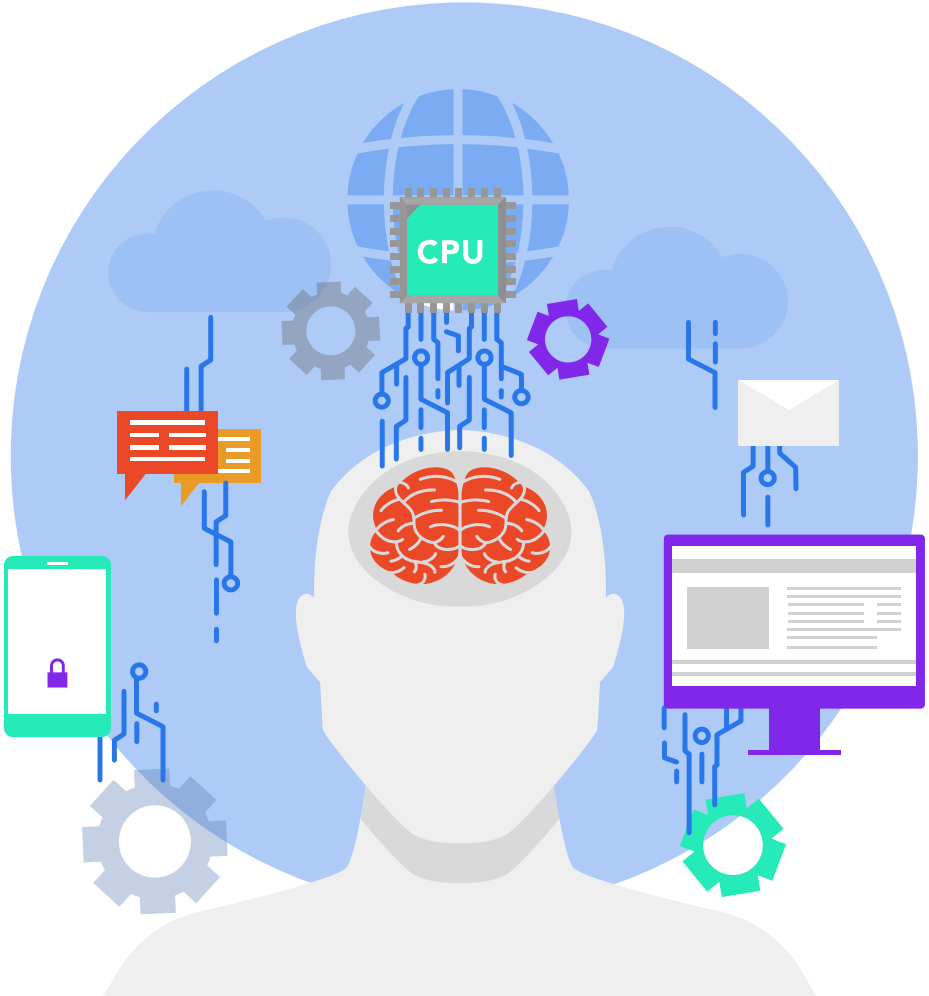


Sarcastic Comments Detection

By Shouq Sami Bakry

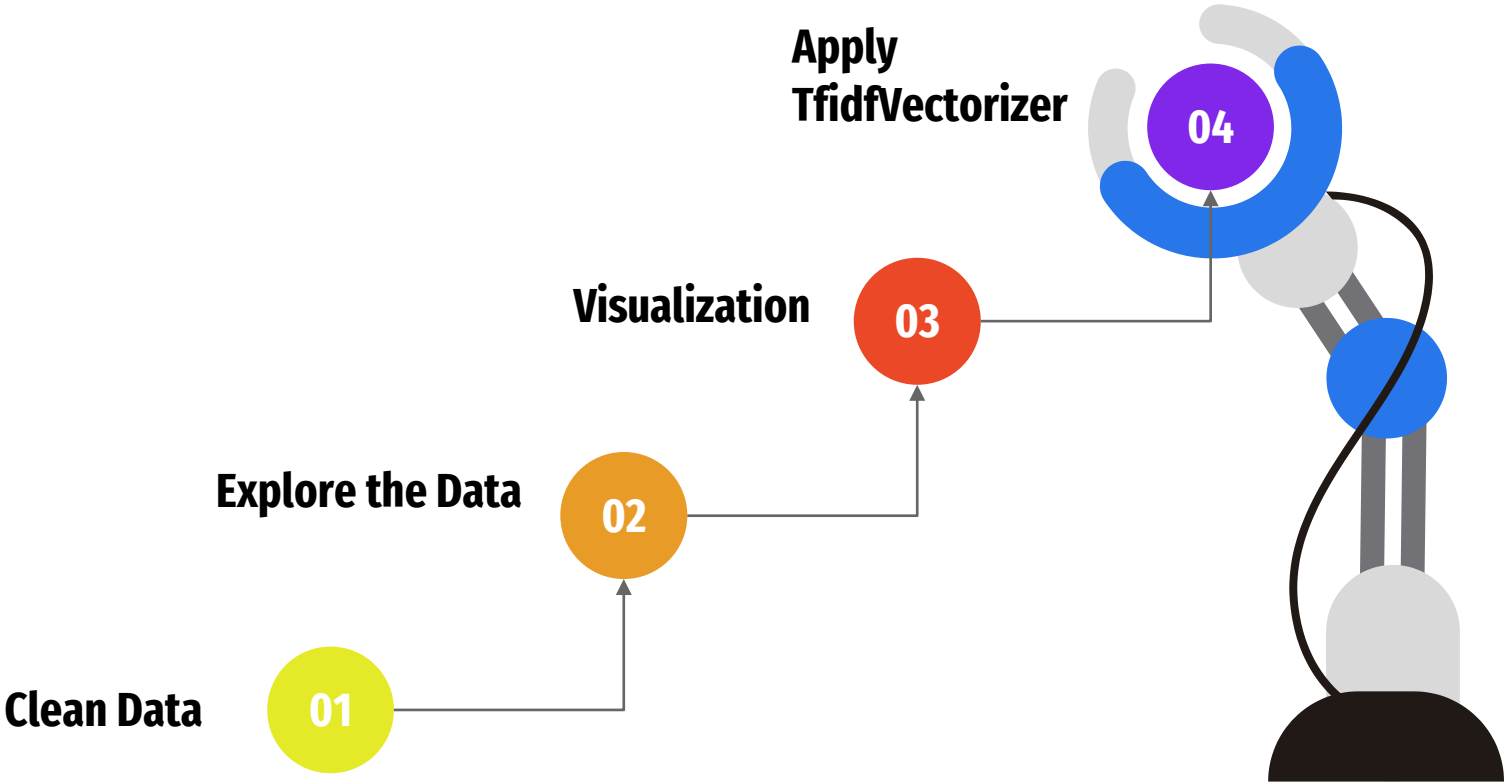
Project Goal

Classifying the text if its sarcastic or not by analysis the text in the dataset

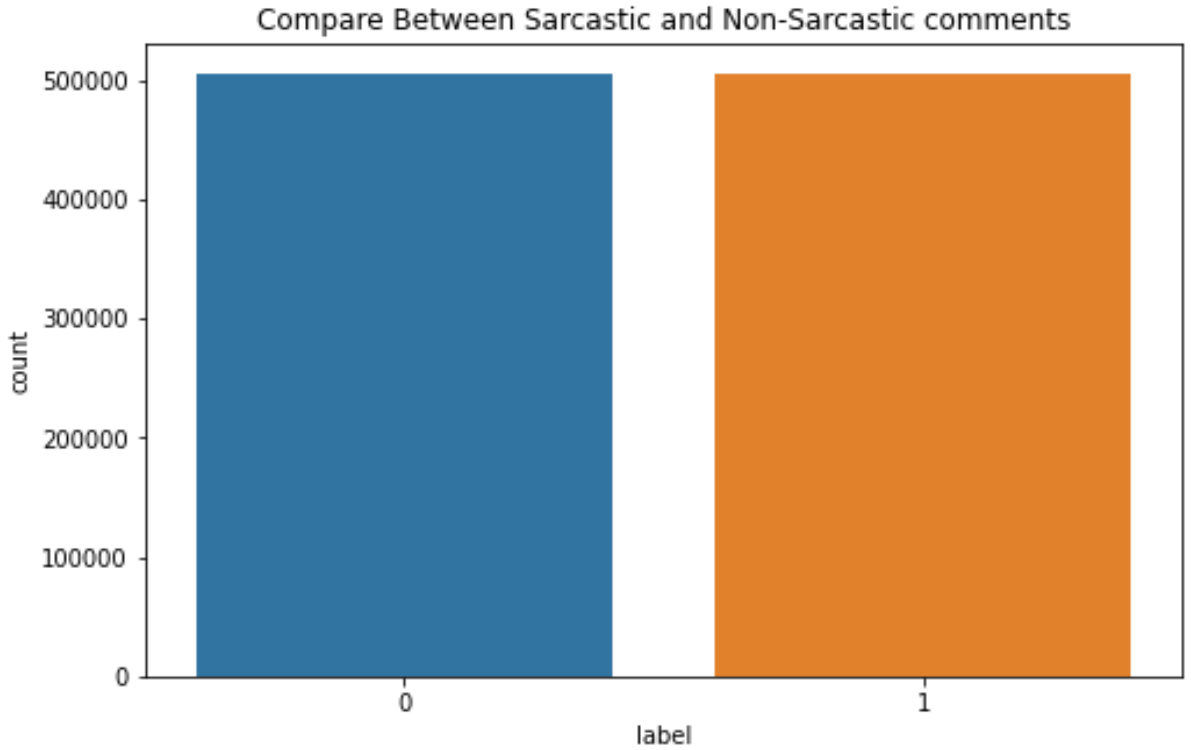
Dataset

The dataset contains 1.3 million Sarcastic comments containing the (sarcasm) tag from Reddit

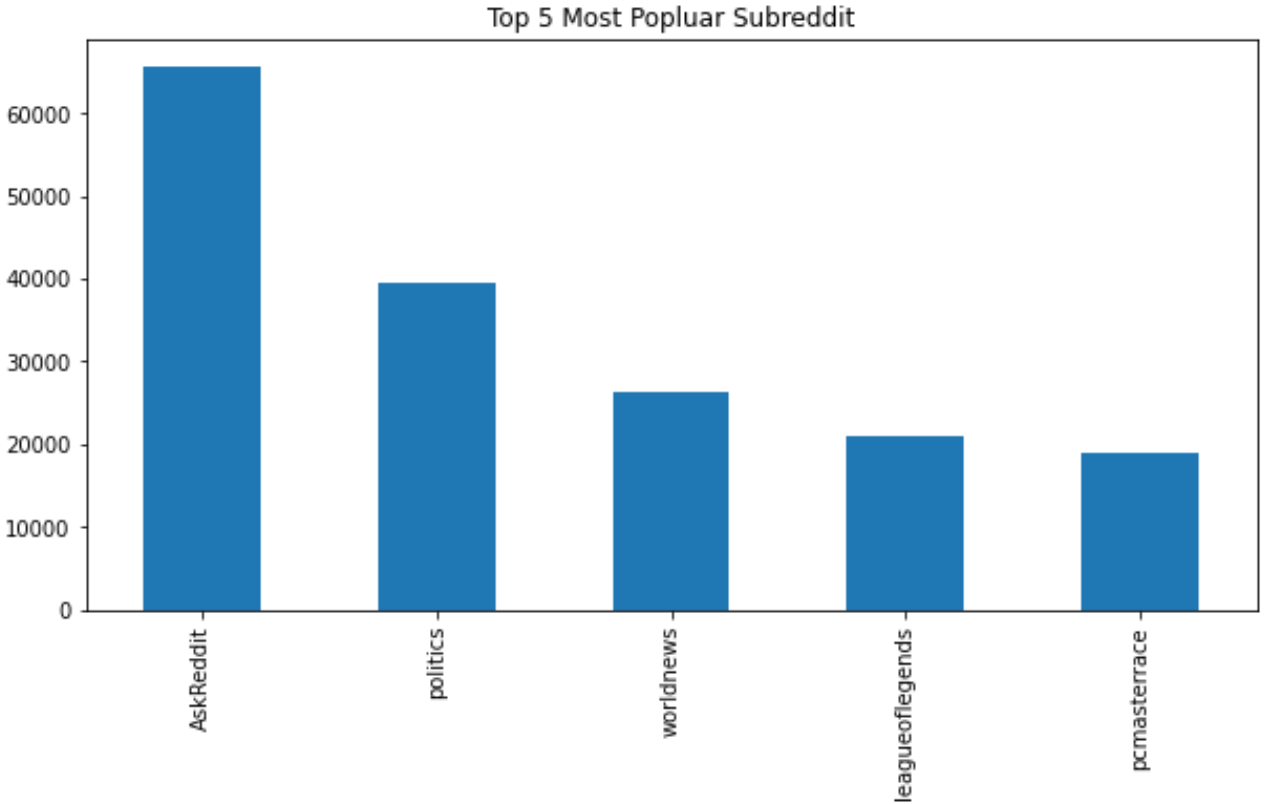
Data Processing



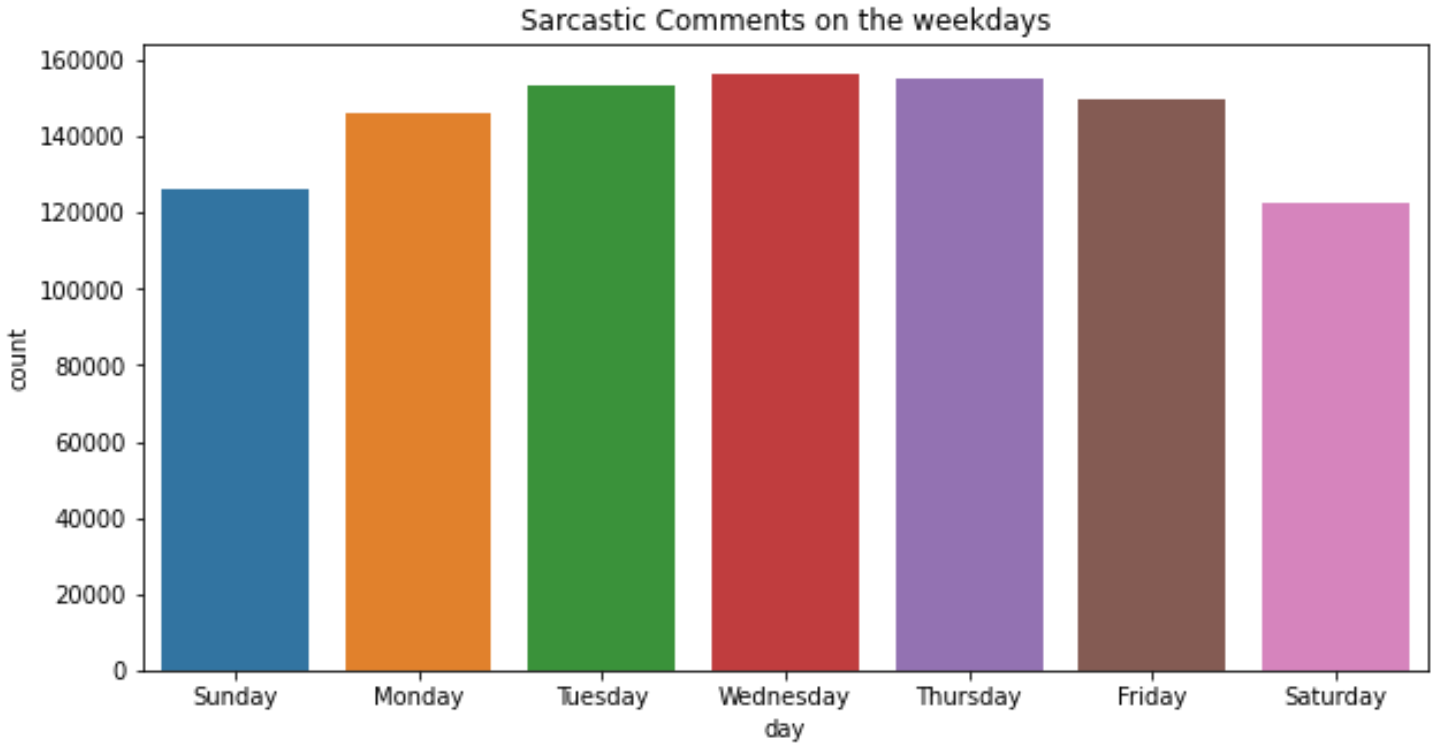
Visualization



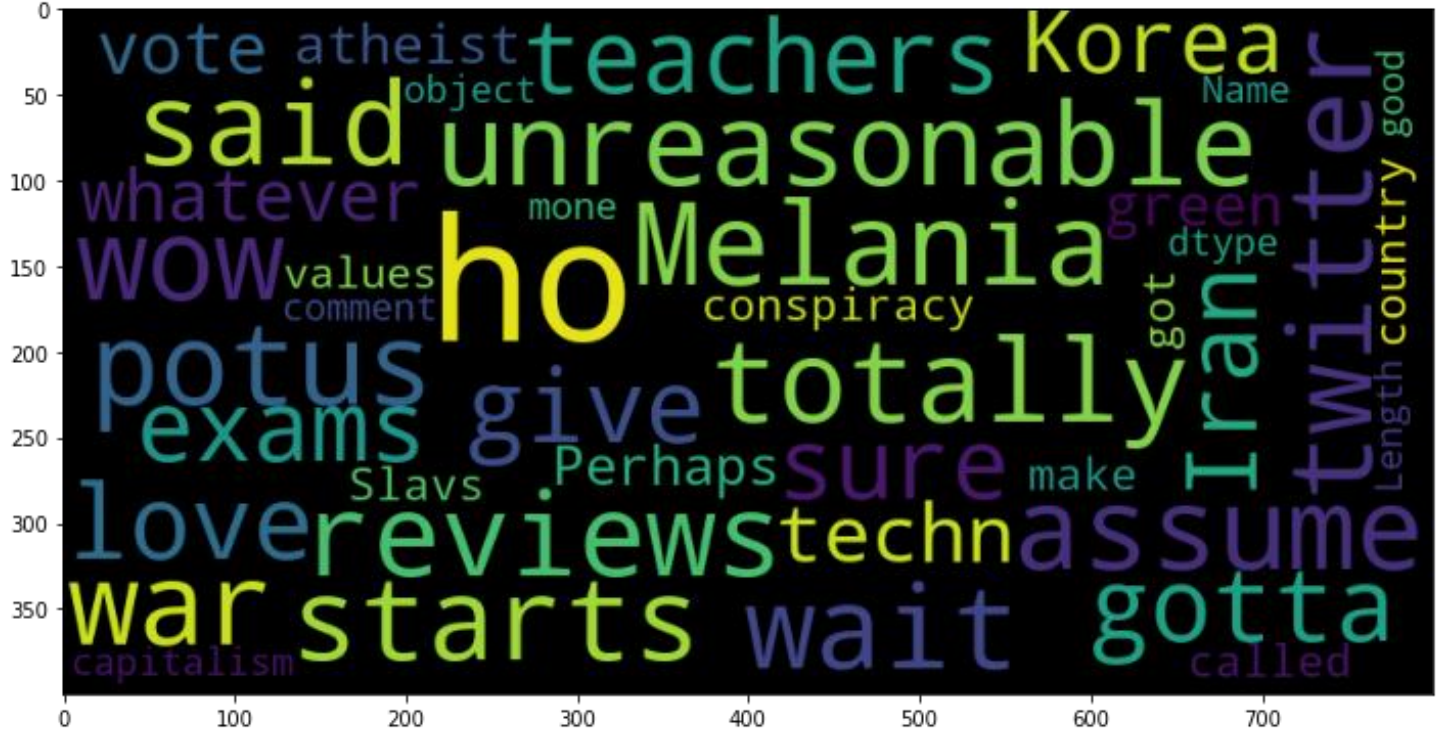
Visualization



Visualization



Visualization



Models

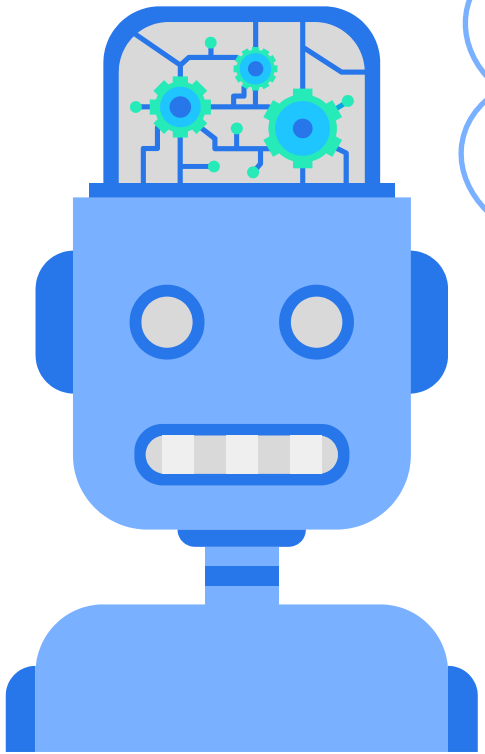
Logistic Regression

- Accuracy 0.69
- F1 0.69
- precision 0.69
- recall 0.70

Vs

Naive Bayes

- Accuracy 0.67
- F1 0.67
- precision 0.67
- recall 0.67



Thank you
Any Question?