

Prediction of US election Using Sentiment Analysis

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For these project I have taken two dataset that contain the tweets of the US leader.

One dataset contain Joe Biden tweets

another dataset contain Donald Trump tweets

By using Sentiment Analysis we have to check which leader can post the most positive tweets.

This project require the pandas, Numpy, Seaborn, textblob and word cloud libraries

Pandas = Used for dealing with data and read the data

Numpy = Used for mathematical operation

Seaborn = Seaborn is the used for 3D visualization, it is an extended version of matplotlib

Textblob = Textblob is a python library used for NLP.

It is used for processing the textual data,

when we give the sentence to textblob it gives

back ~~the~~ ~~text~~ polarity which ranges from -1 to +1

wordcloud = it can be used for visualizing the unstructured data to find trends & patterns.

- So first step is to import the libraries
- After importing the libraries we have to preprocess the data by cleaning the data, removing the null value removing the outliers
- After that we use the polarity library for checking whether it is positive sentiment or Negative sentiment, when we provide the sentence to the polarity library it provide the range which lies from -1 to +1
- ~~After that we use the~~ which help to classify the positive negative text

- After using these library it will provide the final result as Joe Biden has more positive tweets than Donald Trump.
- ~~then we would~~ After that we can visualize them by using the Histogram where it shows the range of positive negative tweets of leader.