**Twitter Sentiment Analysis using NLP in Python**

* Run the **Text\_classification.py** python file
* The file will generate X.pickle, y.pickle, tfidfmodel.pickle, sentiment\_classifier.pickle in that directory
* X.pickle -> can be used to load data for ‘X’ variable in **Text\_classification.py** python file
* y.pickle -> can be used to load data for ‘y’ variable in **Text\_classification.py** python file
* tfidfmodel.pickle -> used in **TwitterSentimentAnalysis.py** python file for sentiment analysis
* sentiment\_classifier.pickle -> used in **TwitterSentimentAnalysis.py** python file for sentiment analysis
* Now run the **TwitterSentimentAnalysis.py** python file to view the bar graph representing the number of positive and negative tweets from twitter based on the specified keyword

To obtain Twitter API consumer and access token keys refer to this youtube link

<https://www.youtube.com/watch?v=zdSHhiHAxBA>

**caution :** Twitter API consumer and access token keys are specific for each person and should not be shared with others.