**Write the python code for sentiment analysis for the following dataset. Do the required pre-processing - stemming, punctuation removal, term frequency etc. - (whichever required). Then design a classifier to categorize the reviews / texts using logistic regression and naive bayes classifier. Also generate required plots and confusion matrix.**

1. Use the twitter data from the **nltk** library in python
2. Financial data (financial.csv)
3. Product review dataset
4. Emotions dataset