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File: How to run the files.

1. Unzip this folder.
2. Start with Main.py which is in Python 2.7 and runs well for all the platforms.
3. Then we have 7 files which are as follows:

FIS_Project_with_two_with_roc.py -> This file runs the model of SVM and Random Forest on two subreddits and Plot their ROC curves. They also give out the Precision and recall scores.

Learning_Curves.py -> This file gives out two learning curves for random forest and as well as for SVM.

FIS_Project_with_three.py -> This file classifies three subreddits on SVM and Random Forest Models and predicts the accuracy.

ROC_for_three.py -> This file uses OneVsRestClassifier SVM which gives out the ROC curve for all the three subreddits.

Wordcloud.csv.py -> Plots the word clouds in a different way of each subreddit

Tensorflow1.py -> This file builds a LSTM model which is used to train and predict the data from three subreddits

LDA.py -> This file gives out the LDA for the 10 most Frequent topics from the three subreddits.