# Installation and Execution Guide

## Required Installations

1. **Python 3.6**
2. **Sklearn (scikit-learn)**
3. **numpy**
4. **Scipy**
5. **NLTK**
6. **Seaborn**
7. **Gensim**
8. **Matplotlib**
9. **Pandas**

If you are using anaconda then run below commands in anaconda prompt to install these packages
*conda install -c scikit-learn*
*conda install -c anaconda numpy*
*conda install -c anaconda scipy*
*conda install -c anaconda gensim*
*conda install -c anaconda seaborn*
*conda install -c anaconda nltk*
*conda install -c conda-forge matplotlib*
*conda install -c anaconda pandas*

## Execution

Download the glove embedding and place them in your project directory. To download the glove embedding follow the given link.
**Note** – The link directs you to kaggle so you must have a kaggle account to download the embedding
Glove Embedding

Navigate to your project directory and once you are inside it do the following to run the code
**To run binary classifiers**
*python classifier_binary.py*
**To run multiclass classifiers**
*python classifier_multiclass.py*

**Note** – Before running the classifier file navigate to the dataprep.py file and change the names of test, train and validation file as per the need i.e if you are trying to run the code for multiclass classifier then change the names of test, train and validation file to **train_multiclass.csv**, **test_multiclass.csv**, **valid_multiclass.csv** . If you are trying to run the code for binary classifier then change the names of test, train and validation file to **train_binary.csv**, **test_binary.csv**, **valid_binary.csv** .