**README**

* This Zip folder contains .py file and eight preprocessed data files (In cleaned data folder).
* Download the file and save it in your computer.
* Open Jupiter notebook and upload the spamdetectioncode(10130306).py file to it.
* Open the spamdetectioncode(10130306).py and change the “data file paths” of the code to where you have saved data files in your computer ( 23,24,25,26,27,28,29,30 lines in the code contains the data file paths.
* Then Save the code and Run the code.
* And it will take at least 10 minutes to fully run the programme.
* Project report will be printed as the output with the accuracies for different data sets and different features. As the output it gives the following details.
* Number of tweets which belong to spam and legitimate classes.
* Training and testing data counts
* Used data set
* Used ML algorithm
* Accuracies , SEN and SPC values
* True positive, False positive, True negative, False negative counts