

Readme File

Process Of Execution:-

- 1)Extract the colab from the zip folder.
- 2)Then open the colab file with google colab or jupyter notebook.
- 3)Then upload the dataset into the colab book from the kaggle
- 4)Then run all cells consecutively.

Steps Followed:-

- 1)Initially we have done preprocessing.
- 2)Then we have done vectorization to convert string into float.
- 3)Then we calculated cross validation scores and their means for the models BernoulliNB and Logistic Regression.
- 4)Then we used the classifiers and found the accuracy by fitting the data.We use BernoulliNB,Logistic Regression and SVC classifiers.
- 5)Then we have done standardization for the data.
- 6)Then we applied the dimensionality reduction method.We used the method TruncatedSVD which is the same as principal component analysis.
- 7)After dimensionality reduction we used the classifiers BernoulliNB and Logistic Regression and found the accuracy by fitting the data.