Machine Learning Lab program 5



**Name – Shruti Gupta**

**Class – CSE – 3**

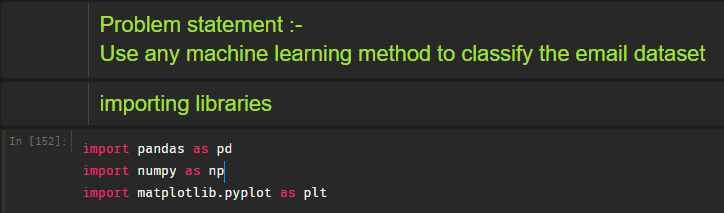
**Enroll – 41476802717**

**AIM : Use any machine learning method to classify the email dataset**

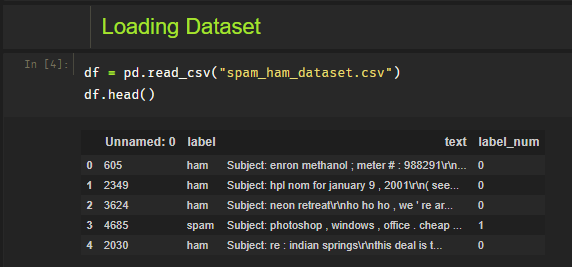
**GithubLink:-** <https://github.com/Shrutiiig/ML-Assignmnets-Gtbit/tree/master/Lab-5>

**Program Snippets :-**

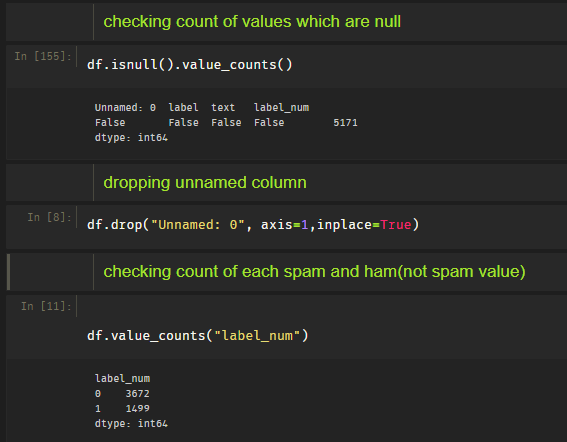
1. **Importing Modules**

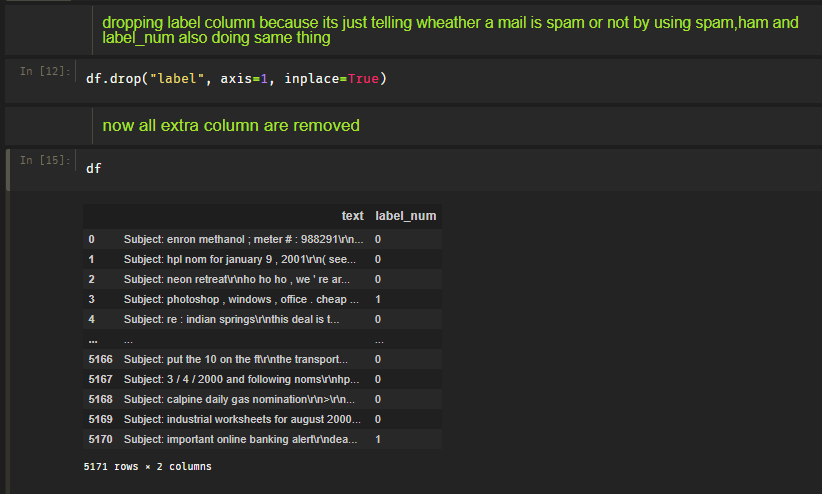


1. **Loading dataset :-**

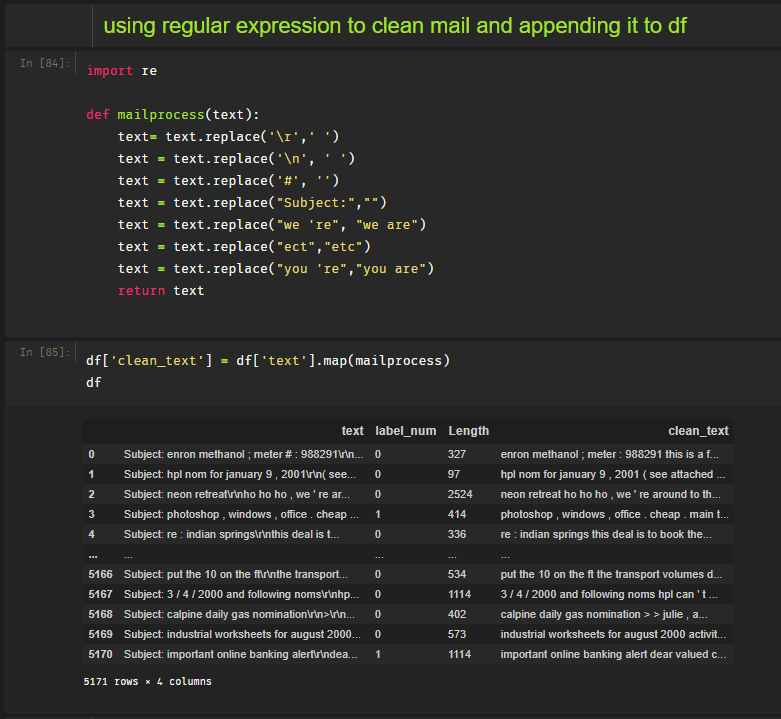


1. **Data Cleaning/ Preprocessing**





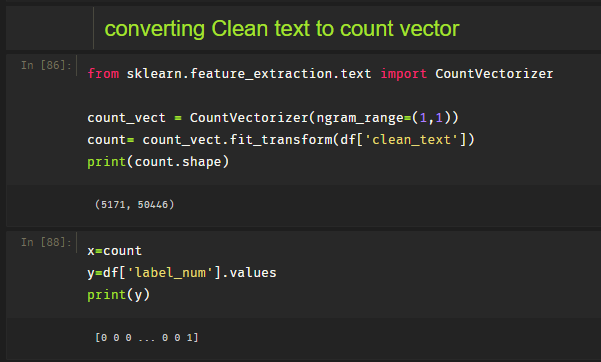




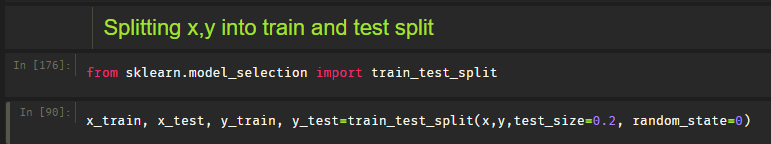
1. **Data Visualization**



1. **Converting data into X and Y**



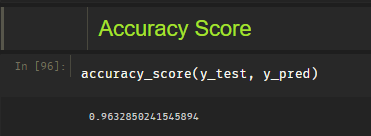
1. **Dividing data into train/test splits**



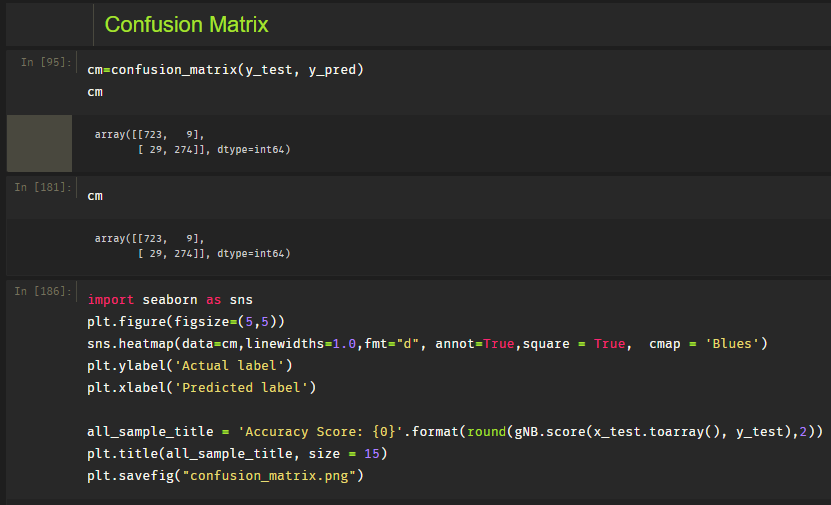
1. **Using Naïve Bayes classifying X\_test**

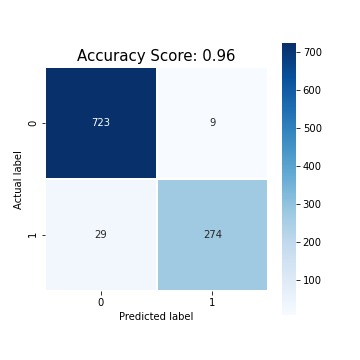


1. **Accuracy Score:-**



1. **Confusion matrix :-**



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