Name: Kiejstut Bunikiewicz

Assignment: CA02: Spam eMail Detection Using Naïve Bayes Classification Algorithm

Link to GitHub (I have added you as Collaborator):

https://github.com/KiejstutB17/CA02

Link to Google Drive (I have shared with you):

https://drive.google.com/drive/folders/1ylptLTlN9YJWO9ZnS-F8Jggrk65Updm\_

Results from Notebook:

Reading and Processing emails from train-mails and test-mails folders

Training Model using Gaussian Naive Bayes algorithm .....

Test of Whether Number of Occurrences are Being Recorded...

[3. 2. 3. ... 0. 0. 0.]

Testing if Nonspam/Spam Distinciton is Being Made...

[1.0, 0.0, 1.0, 1.0, 0.0, 0.0, 0.0, 1.0, 0.0, 0.0]

Sanity Check by counting number of files

Number of Nonspam in Training...

351

Number of Spam in Training...

351

Training completed

Testing trained model to predict Test eMail labels...

[1.0, 1.0, 0.0, 0.0, 0.0]

Predicted Number of Nonspam in Test Data:

137

Predicted Number of Spam in Test Data:

123

Actual Number of Nonspam in Test Data:

130

Actual Number of Spam in Test Data:

130

Completed classification of the Test eMail Data .... now printing Accuracy Score by comparing the Predicted Labels with the Test Labels:

0.9653846153846154