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Assignment: CA02_Naive_Bayes
Link to Gihub Repository: https://github.com/vcapobia/CA02.git
Link to Google Drive:
https://drive.google.com/drive/folders/1KKnfCquybBrqBKhEjiwHAkDnfsLIrXN8?usp=sharing

Results:

```
Line 1:reading and processing emails from TRAIN and TEST folders
Line 2:Training Model using Gaussian Naive Bayes algorithm .....
Line 3:Training completed
Line 4:testing trained model to predict Test Data labels
Line5:Completed classification of the Test Data .... now printing Accuracy
Line6:Score by comparing the Predicted Labels with the Test Labels:
Line7:0.9653846153846154
```

Step-By-Step Interpretation of Results:
Line 1: The os package allows access to emails from the TRAIN and TEST folders
Line 2: Using the TEST dataset, the model is being trained and data is fed through the make_dictionary and extract_features functions using GuassianNB
Line 3: model.fit() function has been completed and the model is trained
Line 4: the trained model is being tested by running the TEST dataset through the extract_features function
Line5: The TEST data has been completely run through the model
Line 6: an accuracy score is printed to compare the accuracy score for predicted labels
Line 7: The accuracy score states: 96% of predictions were correct