Support vector machine model using text data vectorized with TF-IDF

importing data and packages

Support vector machine

Recall: 0.993939393939394

```
In []: svm = SVC()
svm.fit(x_test, y_test)

Out[]: vSVC
SVC()

In []: y_pred = svm.predict(x_test)

In []: print("Accuracy:",accuracy_score(y_test, y_pred))
    print("Precision:",precision_score(y_test, y_pred))
    print("Recall:",recall_score(y_test, y_pred))
    print("Recall:",f1_score(y_test, y_pred))

Accuracy: 0.994620734622908
Precision: 0.9952188304523722
Recall: 0.9926632428466617
```