**IDEA**: I have used Support Vector Machine (SVM) for my text sentiment classifier instead of Naive Bayes as it gave me a better result after making and testing both kinds of classifiers. For example, if we compare in terms of accuracy, Naïve Bayes gave me an accuracy of 62% while SVM gave me an accuracy of nearly 79%.

Confusion Matrix (as can be observed from the screenshot):

[ [ 158 , 36 ],

[ 49 , 157 ] ]

Accuracy 🡪 158 / 400 = 0.79

Precision 🡪 158 / (158 + 49) = 0.76

Recall 🡪 158 / (158 + 36) = 0.81