**Logistic Regression –**

**Run 1 –**

epochs = 100

lambda = 0.8

alpha = 1e-2

0.9817784256559767

0.9846938775510204

**Run 2 –**

epochs = 200

lambda = 0.5

alpha = 1e-5

0.9701166180758017

0.7419825072886297

**Run 3 –**

epochs = 400

lambda = 0.5

alpha = 1e-4

0.9803206997084548

0.9825072886297376

**Naïve Bayes –**

**Run 1 -**

Accuracy

0.6516995383969786

Precision

0.6040428061831153

Recall

0.8610169491525423

F-score

0.7099930118798043

Confusion Matrix

[[ 537 666]

[ 164 1016]]

**Run 2 -**

Accuracy

0.6575744859420898

Precision

0.6045428072218987

Recall

0.8834042553191489

F-score

0.7178423236514524

Confusion Matrix

[[ 529 679]

[ 137 1038]]