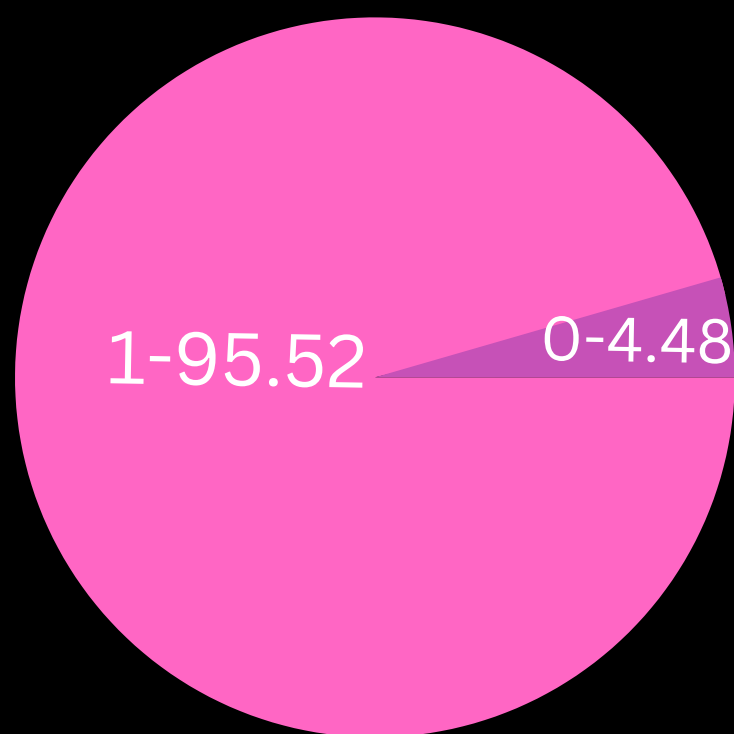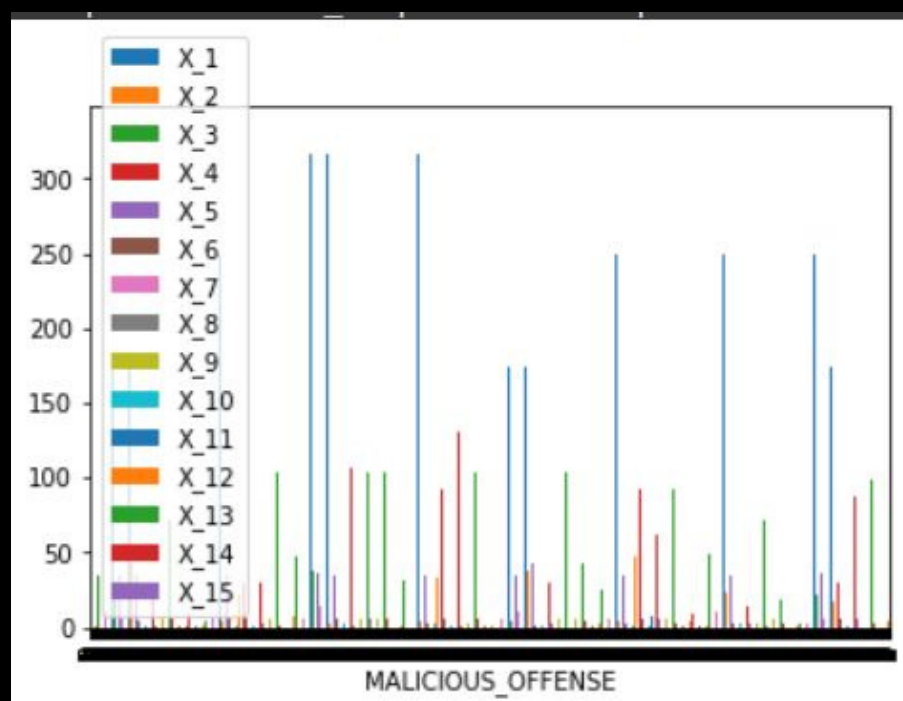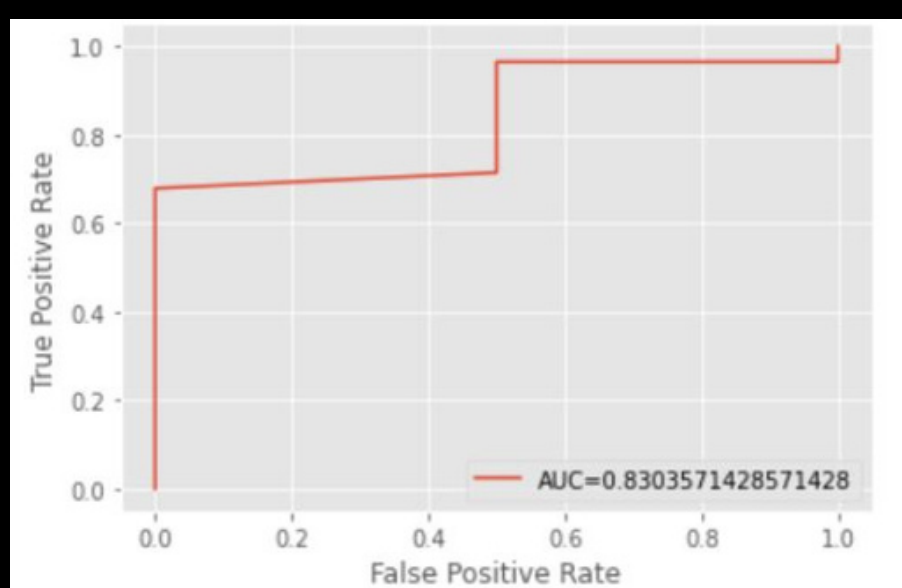# MALICIOUS SERVER HACK

Malicious server hacks are very common these days and are a threat to any organization. This model is used to predict if a system can be hacked given various feature values.

1-95.52   0-4.48

Number of server hacks
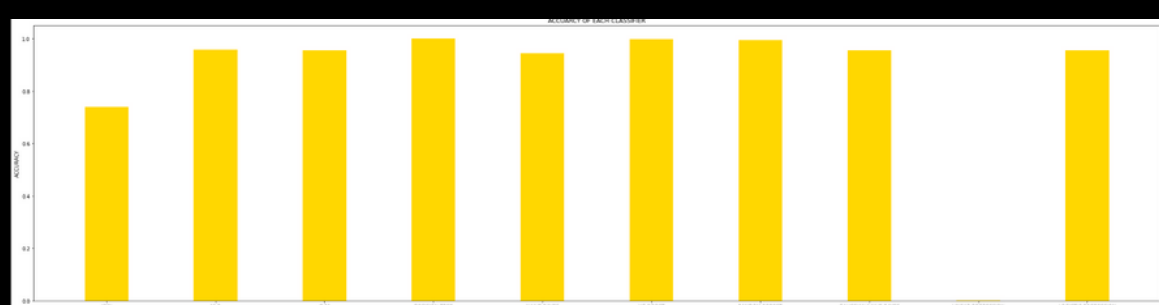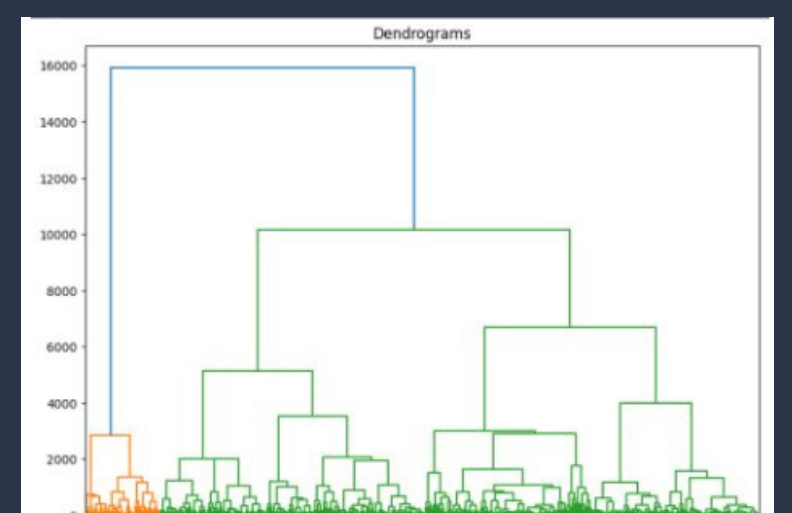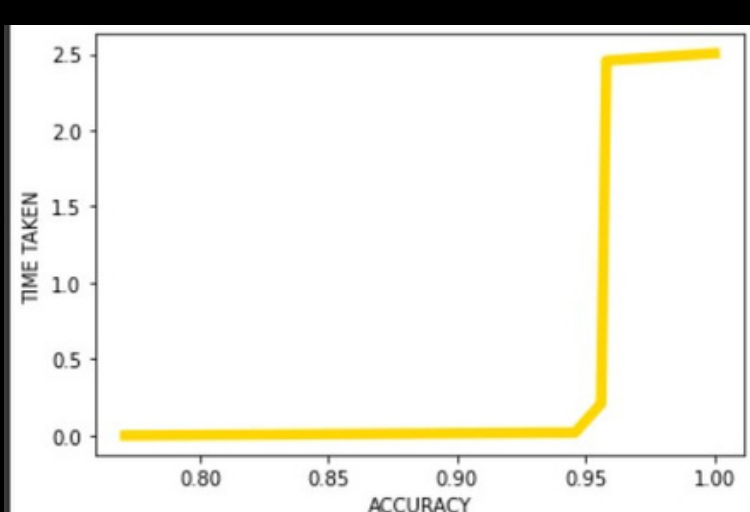

Random Forest

ROC Curve

The accuracy is: 0.9918344361537379

Accuracy of Random Forest

ACCURACY GRAPH

Accuracy vs Time

Classifier	Accuracy
RF	99%
XG Boost	99%
MLP	95.8%

Loss 1%

Accuracy 99%

CONCLUSION

It has been observed that the Random Forest classifier gives the highest accuracy of 99%. This is because this classifier works well with large amounts of data

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