Model Comparison:

Reciever Operating Characteristic Curve (ROC) is a graph showing the performance of a classification model at all classification thresholds.

The curve has 2 parameters:  
- True Positive Rate, known as recalls  
- False Positive Rate, contrast to recalls

When an ROC is plotted, the area under the ROC curve, knows as AUC provided an aggregate measure of performace across all possible classification thresholds. As AUC measures how well, the prediction are ranked rather than their absolute values, it can server as a guideline to compare our modal performaces againsts each other in this classification task of Firewall-Decision-Making dataset.