DS-630 Discussion 2(ROC Curve)

What is ROC curve? What types of ROC curve indicates a good model?

A ROC Curve is a Graph it shows the performance of a Classification model at all Classification thresholds.

ROC curve plots two Parameters: True Positive and False Positive.

The area under the ROC curve (AUC) result. If AUC Values are Between 0.5 – 0.6 then is considered a failure and if AUC Value is between 0.8 and 0.9 considered good. AUC Value is between 0.9 and 1 and is considered an excellent classifier model.

The ROC curve shows the trade-off between sensitivity and specificity. Classifiers that give curves closer to the top-left corner (AUC Value: 0.9-1) indicate the batter’s performance.

Hey Sravani,

The way you explain the good ROC Model is quite different from my research and interesting. thanks for sharing.