

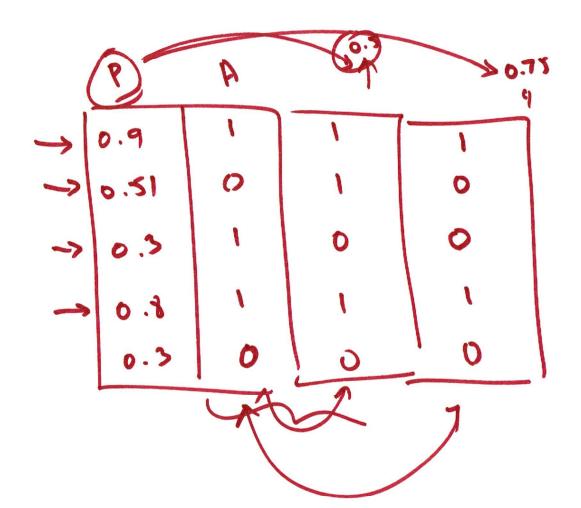


Confusion Matrix

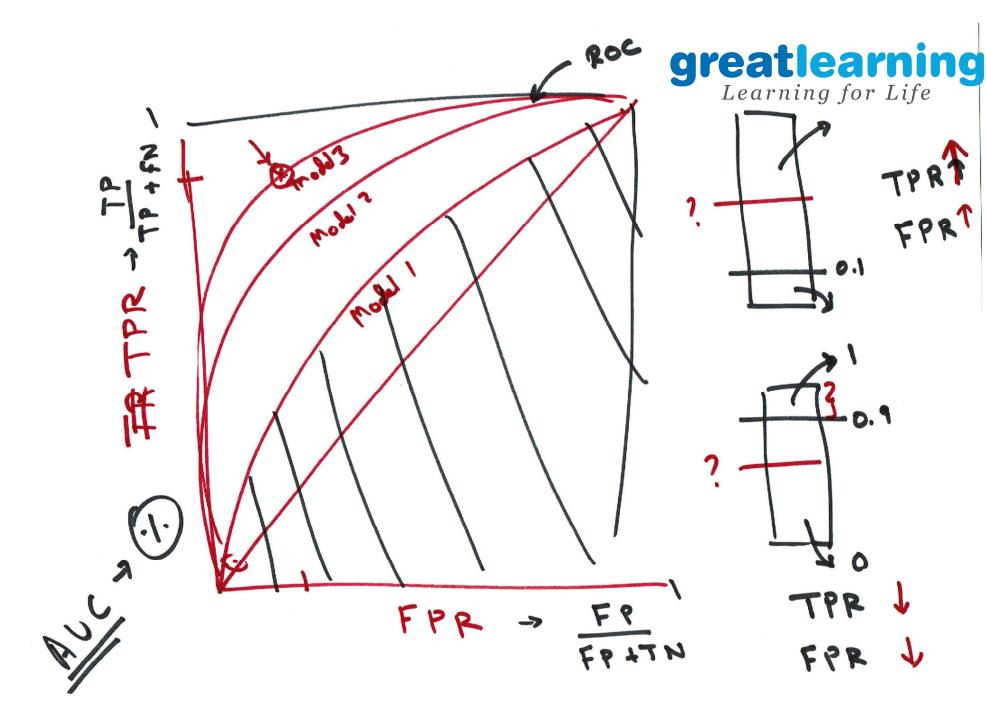


 For classification problem with a class output, the confusion matrix gives the counts of correct and erroneous predictions:

- Classification Error Rate: sum of Type 1 (FP) and Type 2 (FN) Errors (in percentage). Accuracy is 1-(error rate)
- Sensitivity (also called Recall or <u>True Positive Rate</u>): proportion of <u>True Positive Rate</u>
 Total Positives that were correctly identified
- Specificity (also called True Negative Rate): proportion of Total Negatives that were correctly identified



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gimi coeff =
$$\frac{A}{A+B}$$

0.5

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