Lecture: 44 - 2 Class Evaluation Measures.
Misclassification: FN+FP Accuracy: TN+TP
Precision: TP -> How many them are reall
TP+FP tven
Recall: TP The
When is this a good measure:
- (INFORMation Retrival)
- CLass Imbalance 99% accurate for class 1
1.1. a courate For Classo
Precision 1 => FP_=>FN1 => ReGIII
Trade Off between precision and recall
PR-curves Specificity: TN
(Medial. TN+FN literature)
Person having negative
High specificity => FN > 0
Sensitivity: Precision
Pocall

Lecture: 45 : ROC CURVE - 1 avinno no

FPR= FP TPR= TP

FP+TN TP+FF

Threshold decreases >> More samples are classified as @ >> TPRA FPRA

Auc Ronges from (0-1) - For measuring model's quality)

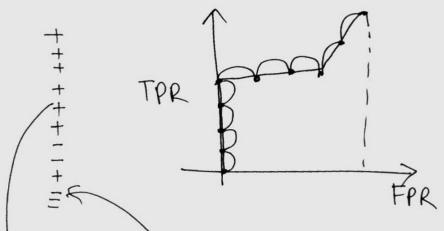
classifier having 100% error => Auc=0

0% error => Auc=1

- classification-threekhold-invariant -> Measures the Model's quality Torrespective of threshold.

· limitation of AUC.

- When it is costical to minimize one type of of classification error: For example in Email spam detection, we want minimizing false (1); Auc is not a good metric.



go vignit when you see negative 29+9 point.

190 up when you see @ data point.