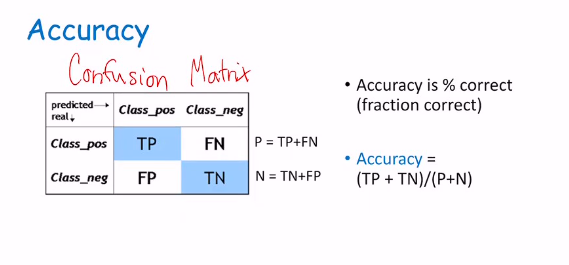
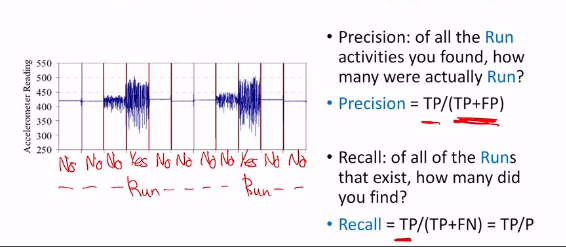
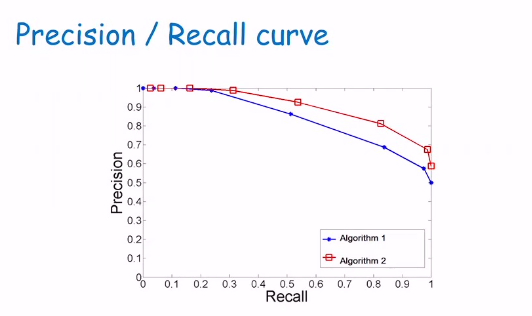
**Machine Learning : Evaluating Model Performance**

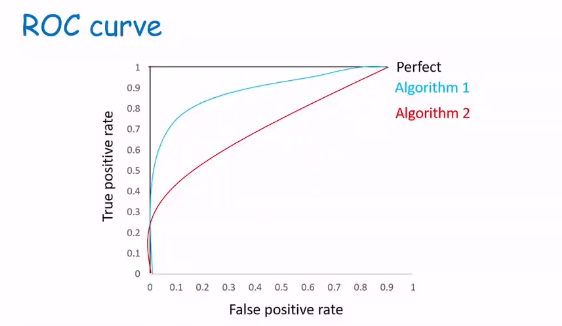
**Performance Measures**



**Discrimination vs detection (spotting)**

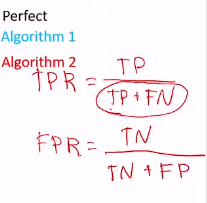






ROC = Receiver Operating Characteristics

ANC = Area Under Curve



TPR = True Positive Rate

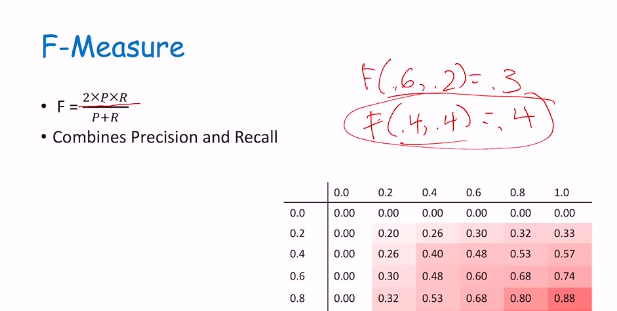
FPR = False Positive Rate

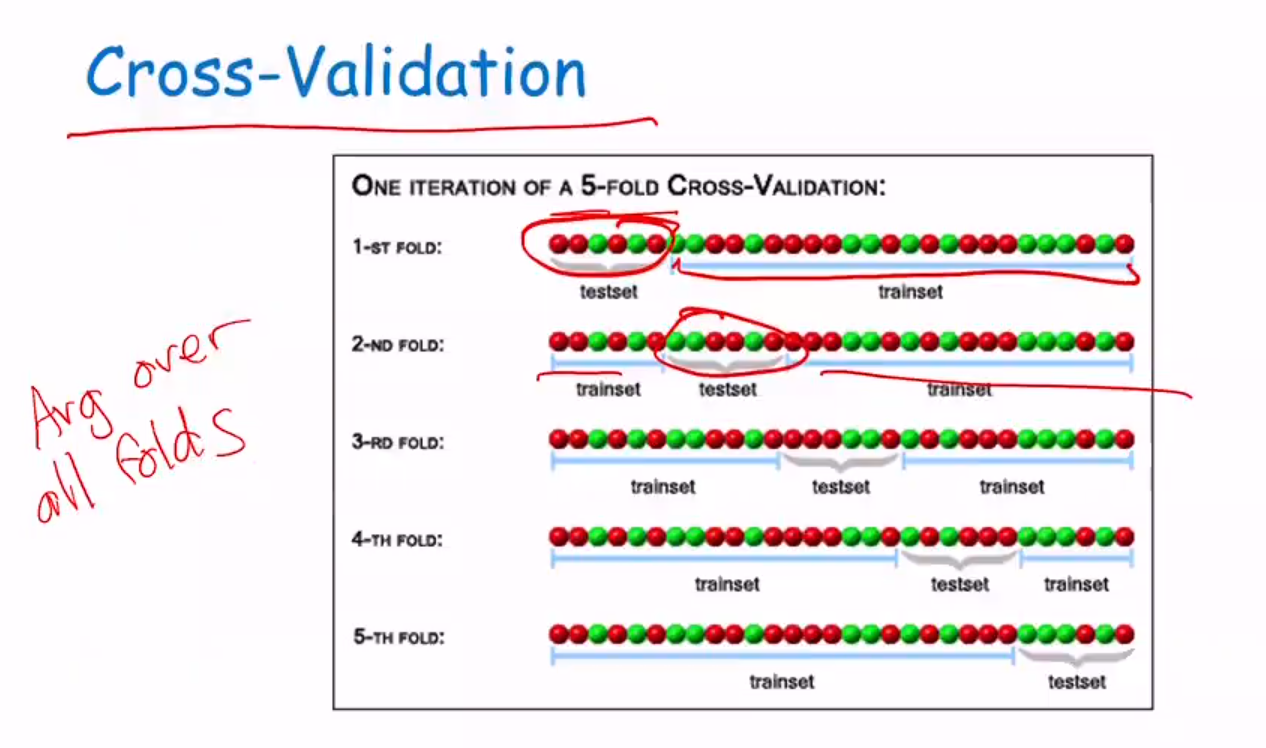
TP = True Positive

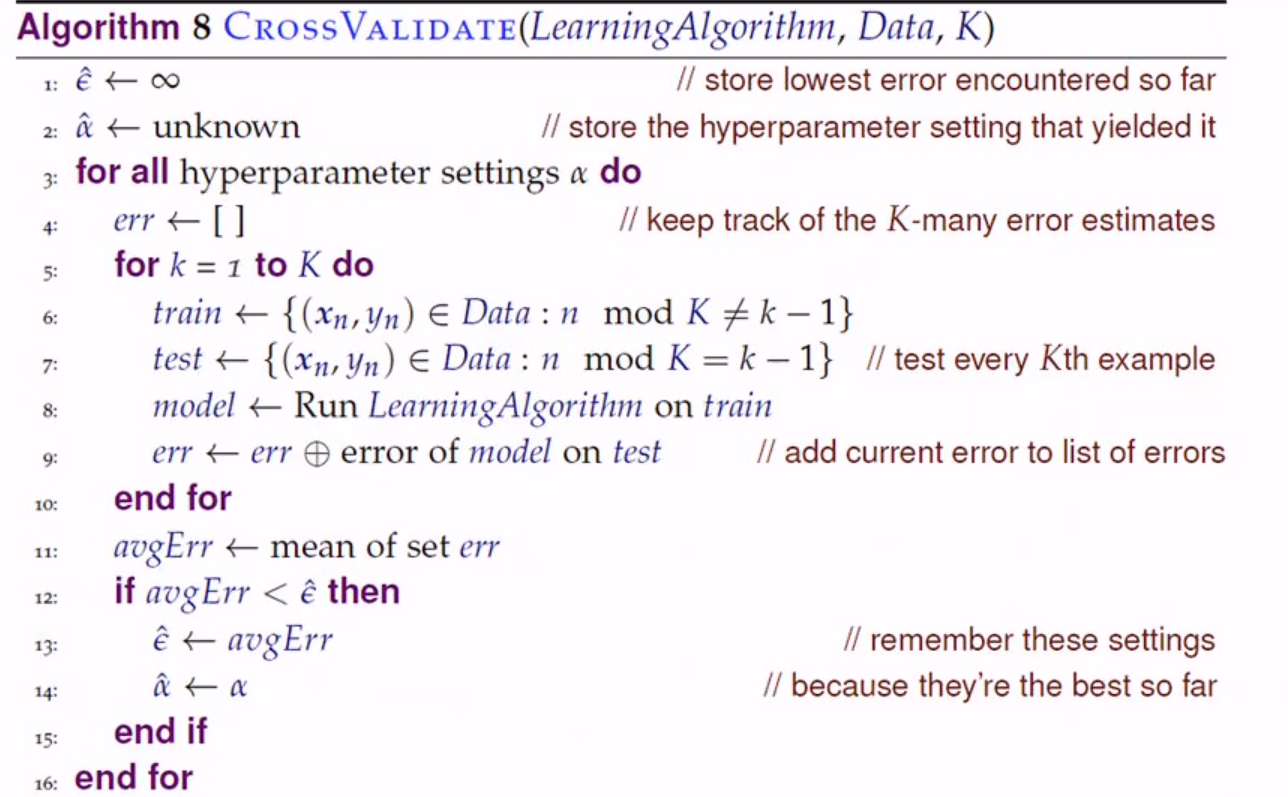
TN = True Negative

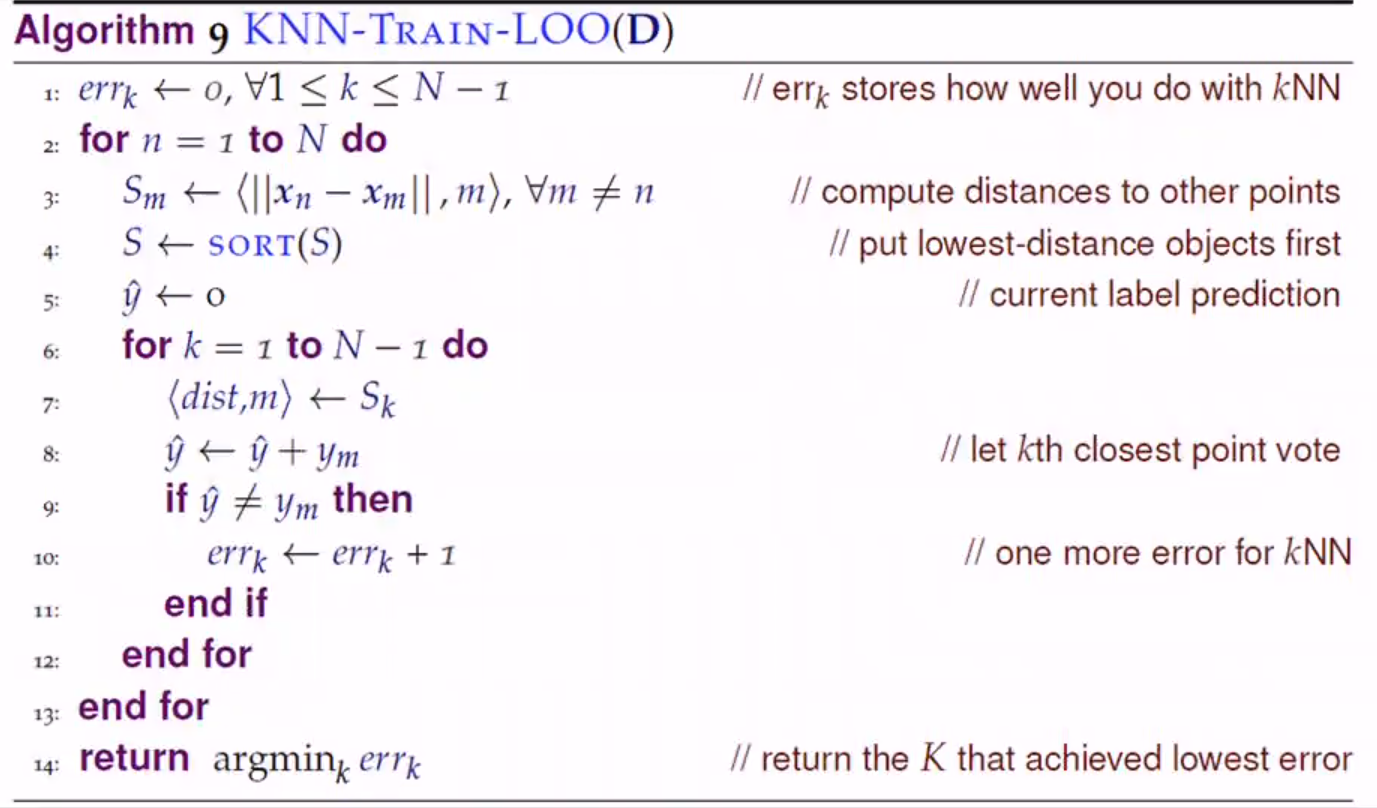
FP = False Positive

FN = False Positive









If number of folds = n

Then leave one out (LOO) cross validation