ROC Curve and AUC (StatQuest)

<https://www.youtube.com/watch?v=4jRBRDbJemM>

Create a graph with number of true positives on one axis, number of false positives on the other. Plot points for each of a variety of decision thresholds. Use this plot to decide what the optimal threshold is for your purposes. You may substitute other metrics on a given axis. If you’re trying to determine whether to use one method or another, create a ROC curve for each. Use the one with more area under the curve.

Precision v. Recall (Some lady)

<https://www.youtube.com/watch?v=qWfzIYCvBqo>

Precision = TP / (TP + FP) i.e. ratio of TP to all positives.

Recall = TP / (TP + FN) captures information about positives that you missed