**ROC:**

plots true positive rate (i.e. recall) against the false positive rate for different thresholds.

**AUC:**

Area under the ROC (Receiver operating characteristic) curve (AUC)

from sklearn.metrics import roc\_auc\_score

roc\_auc\_score(y\_train, y\_scores)

图形用户界面, 应用程序, Teams

描述已自动生成

**Precision**: of predicted positives, proportion that are correctly classified (also called *positive predictive value*). precision=TP/(TP+FP)

from sklearn.metrics import precision\_score

precision\_score(y\_train\_5, y\_train\_pred\_forest)

**Recall**: of actual positives, proportion that are correctly classified (also called *true positive rate* or *sensitivity*). recall=TP/(TP+FN)

from sklearn.metrics import recall\_score

recall\_score(y\_train\_5, y\_train\_pred\_forest)

**𝐹1 score**

文本

中度可信度描述已自动生成

from sklearn.metrics import f1\_score

f1\_score(y\_train\_5, y\_train\_pred\_forest)