Metric Name	Metric Formula	Code	When to use
Accuracy	Accuracy = (tp +tn)/(tp+tn+fp+fn)	`tf.keras.metrics.Accuracy()` `sklearn.metrics.accuracy_score`	Default metric for classification problems. Not the best for imbalanced classes.
Precision	Precision = tp / (tp + pf)	`tf.keras.metrics.Precision()` `sklearn.metrics.precision_score()`	Higher precision leads to less false positives
Recall	Recall = tp / (tp +fn)	`tf.keras.metrics.recall()` `sklearn.metrics.recall_score()`	Higher recall leads to less false negatives
F1-score	F1-score = (2*precision*recall)/(precision+recall)	`sklearn.metrcis.f1_score()`	Combination of precision and recall, usually a good overall metric for a classification model
Confusion Matrix	NA	`Custom function` `sklearn.metrics.confusion_matrix()`	When comparing predictions to truth labels to see where model gets confused. Can be hard to use with large number of classes