Random Forest
Practice Assignment • 3 min

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1. (True/False) In general, a random forest can be considered a special case of bagging and it tends to have better out of sample accuracy — 1 / 1 point

   - (•) True

     Correct! The main difference between random forests and bagging, is that random forests introduce more randomness by using only subsets of features, not only subsets of observations. And in general, they tend to have better out of sample accuracy.

   - ( ) False

2. Usually the first step to fit a random forest classifier model using scikit learn is to: — 1 / 1 point

   - ( ) import classifier ensemble from the sklearn.random forest module

     e.g. from sklearn.randomforest import ClassifierEnsemble

   - ( ) import random forest from the sklearn.classifierensemble module

     e.g. from sklearn.classifierensemble import RandomForest

   - ( ) import classifer from the sklearn.randomforest module

     e.g. from sklearn.randomforest import Classifer

   - (•) import random forest classifer from the sklearn.ensemble module

     e.g. from sklearn.ensemble import RandomForestClassifer

     Correct! This is the correct way to import a random forest classifier using sklearn. You can find more information on the sklearn documentation or in the Random Forest lesson.

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