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In [1]: #kutuphaneleri importladim
from sklearn import datasets
from sklearn import model_selection
from sklearn.discriminant_analysis import LinearDiscriminantAnalysis
from sklearn.neighbors import KNeighborsClassifier
#datayi yukledim
wine = datasets.load_wine()

#iki sinifa ayirdim
X = wine.data
y = wine.target

#test ve traine boldum
validation_size = 0.20
seed = 7
X_train, X_validation, Y_train, Y_validation = model_selection.train_test_split(X, Y, test_size=validation_size, random

names = []
models = []
score = 'accuracy'
results = []

models.append(('LDA', LinearDiscriminantAnalysis()))
models.append(('KNN', KNeighborsClassifier(n_neighbors=2))),
for name, model in models:
    kfold = model_selection.KFold(n_splits=10, random_state=seed)
    cv_results = model_selection.cross_val_score(model, X_train, Y_train, cv=kfold, scoring=score)
    results.append(cv_results)
    names.append(name)
    msg = "%s: %f (%f)" % (name, cv_results.mean(), cv_results.std())

    print(msg)

LDA: 0.992857 (0.021429)
KNN: 0.661905 (0.099112)
```

In []: