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# import the iris dataset from sklearn to do data stuff to it
# import train_test_split from sklearn to split our dataset
# import the MLP model from sklearn
# import metrics from sklearn to test accuracy
# import random to make random numbers for testing

# load the iris dataset
iris = load_iris()
# put the features in an object called X
X = iris.data
# put the responses in an object called y
y = iris.target
# instantiate the classifier

# split the data into training and testing sets
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.2)
# fit the model using the split training data

# feed the testing set into the MLP object

# test the accuracy of the output of the test set vs the training set


# create a loop to randomly split the data differently each time it passes, 5 times total
```