

## Assignment\_2

November 23, 2021

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[4]: import seaborn as sns

data = sns.load_dataset('iris')

#

X_iris = data.iloc[:, :-2]

# y = target values, last column of the data frame

y_iris = data.iloc[:, -2]

from sklearn.model_selection import train_test_split

Xtrain, Xtest, ytrain, ytest = train_test_split(X_iris, y_iris,

                                                test_size=0.25, random_state=1)

from sklearn.linear_model import LinearRegression
model = LinearRegression(fit_intercept = True)
model.fit(Xtrain, ytrain)
model.score(Xtest, ytest)
```

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[4]: 0.9085907106178512
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[ ]:
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