

```
import numpy as np
import pandas as pd
import sklearn
from sklearn.datasets import load_boston
df=load_boston()
df.keys()
print(df.filename)
boston=pd.dataframe(df.data, columns=df.feature_names)
boston.head()
boston['MEDV']=df.target
boston.head()
boston.isnull()
boston.isnull().sum()
from sklearn.model_selection import train_test_split
X=boston.drop('MEDV', axis=1)
Y=boston['MEDV']
X_train, X_test, Y_train, Y_test=train_test_split(X, Y, test_size=0.15,random_state=5)
print(X_train.shape)
print(X_test.shape)
print(Y_train.shape)
print(Y_test.shape)
from sklearn.linear_model import LinearRegression
from sklearn.metrics import mean_squared_error
lin_model=LinearRegression()
lin_model.fit(X_train, Y_train)
Y_train_predict=lin_model.predict(X_train)
rmse=(np.sqrt(mean_squared_error(Y_train, Y_train_predict)))
print("The model performance for training set")
print('RMSE is {}'.format(rmse))
print("\n")
Y_test_predict=lin_model.predict(X_test)
rmse=(np.sqrt(mean_squared_error(Y_test, Y_test_predict)))
print("The model performance for testing set")
print('RMSE is {}'.format(rmse))
```

/usr/local/lib/python3.7/dist-packages/sklearn/datasets/data/boston_house_price

AttributeError Traceback (most recent call last)

<ipython-input-1-c8a5de632113> in <module>()

```
7 df.keys()
8 print(df.filename)
----> 9 boston=pd.dataframe(df.data, columns=df.feature_names)
10 boston.head()
11 boston['MEDV']=df.target
```

/usr/local/lib/python3.7/dist-packages/sklearn/datasets/data/boston_house_price.py in <module> (name)