ModuleNotFoundError: No module named 'sklearns'

2 import pandas as pd

----> 3 import sklearns

NOTE: If your import is failing due to a missing package, you can

manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the "Open Examples" button below.

SEARCH STACK OVERFLOW

:Number of Instances: 506

:Number of Attributes: 13 numeric/categorical predictive. Median Value (att

:Attribute Information (in order):

- CRIM per capita crime rate by town
- ZN proportion of residential land zoned for lots over 25,000 sq
- INDUS proportion of non-retail business acres per town
- CHAS Charles River dummy variable (= 1 if tract bounds river; 0 o
- NOX nitric oxides concentration (parts per 10 million)
- RM average number of rooms per dwelling
- AGE proportion of owner-occupied units built prior to 1940
   DIS weighted distances to five Boston employment centres
- RAD index of accessibility to radial highwaysTAX full-value property-tax rate per \$10,000
- PTRATIO pupil-teacher ratio by town
- B 1000(Bk 0.63)^2 where Bk is the proportion of blacks by to
- LSTAT % lower status of the population
- MEDV Median value of owner-occupied homes in \$1000's

:Missing Attribute Values: None

:Creator: Harrison, D. and Rubinfeld, D.L.

This is a copy of UCI ML housing dataset. <a href="https://archive.ics.uci.edu/ml/machine-learning-databases/housing/">https://archive.ics.uci.edu/ml/machine-learning-databases/housing/</a>

This dataset was taken from the StatLib library which is maintained at Carnegie

The Boston house-price data of Harrison, D. and Rubinfeld, D.L. 'Hedonic prices and the demand for clean air', J. Environ. Economics & Management, vol.5, 81-102, 1978. Used in Belsley, Kuh & Welsch, 'Regression diagnostics ...', Wiley, 1980. N.B. Various transformations are used in the table on pages 244-261 of the latter.

The Boston house-price data has been used in many machine learning papers that problems.

- .. topic:: References
  - Belsley, Kuh & Welsch, 'Regression diagnostics: Identifying Influential Da
  - Quinlan, R. (1993). Combining Instance-Based and Model-Based Learning. In P

boston=pd.DataFrame(df.data, columns=df.feature\_names)
boston.head()

```
0.00632
                  18.0
                          2.31
                                     0.538 6.575
                                                  65.2
                                                        4.0900
                                                                                15.3
                                                                                     396.90
                                 0.0
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         0 00701
                   ^ ^
                          7 07
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                                                   70.0
                                                         10071
                                                                    0400
                                                                                     206.00
boston['VALUE']=df.target
boston.head()
boston.isnull()
boston.isnull().sum()
from sklearn.model_selection import train_test_split
X = boston.drop('VALUE',axis=1)
Y = boston['VALUE']
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=linmodel.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.prdict(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))
```

**AGE** 

DIS RAD

TAX PTRATIO

В

RM

**CRIM** 

ΖN

INDUS CHAS

NOX