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```
[ ] import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
import sklearn.datasets
from sklearn.model_selection import train_test_split
from xgboost import XGBRegressor
from sklearn import metrics
```

```
[ ] house_price_dataset = sklearn.datasets.load_boston()
```

/usr/local/lib/python3.7/dist-packages/sklearn/utils/deprecation.py:87: FutureWarning: Function load\_boston is deprecated; `load\_boston` is deprecated in 1.0

The Boston housing prices dataset has an ethical problem. You can refer to the documentation of this function for further details.

The scikit-learn maintainers therefore strongly discourage the use of this dataset unless the purpose of the code is to study and educate about ethical issues in data science and machine learning.

In this special case, you can fetch the dataset from the original source::

```
import pandas as pd
import numpy as np
```

```
data_url = "http://lib.stat.cmu.edu/datasets/boston"
raw_df = pd.read_csv(data_url, sep="\s+", skiprows=22, header=None)
data = np.hstack([raw_df.values[::2, :], raw_df.values[1::2, :2]])
target = raw_df.values[1::2, 2]
```

Alternative datasets include the California housing dataset (i.e. `sklearn.datasets.fetch_california_housing`) and the Ames housing