

```
from sklearn import datasets
```

①

```
bos = datasets.load_boston()  
bos.DESCR  # description
```

②

```
bos.feature_names  # All columns names except  
                    # target one.
```

```
bos_data = pd.DataFrame(bos.data)  # it
```

③

∴ In sklearn target does not comes, so we include it like

```
bos_data['MEDV'] = bos.target.
```

④

```
bos_data.cov()  
bos_data.cov()
```

```
sns.heatmap(bos_data, annot=True, cmap="set3")
```

⑤

```
boston_data.skew()
```

```
a = np.log(bos_data.skew())  # log transformation
```

```
b = np.sqrt(bos_data.skew())  # Square root transformation
```

⑥

```
import statistics
```

```
a = statistics.variance(bos_data)
```

① .var

③ .std

② .cov

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