

Untitled1

February 10, 2019

```
In [2]: import pandas as pd
        from sklearn.datasets import load_boston
        boston_house_prices_data = load_boston()
        X = pd.DataFrame(boston_house_prices_data.data)
```

```
In [3]: X[X.duplicated()]
```

```
Out[3]: Empty DataFrame
        Columns: [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12]
        Index: []
```

```
In [6]: X = X.append(X.iloc[0,:], ignore_index=True)
```

```
In [7]: X[X.duplicated()]
```

```
Out[7]:
```

	0	1	2	3	4	5	6	7	8	9	10	\
506	0.00632	18.0	2.31	0.0	0.538	6.575	65.2	4.09	1.0	296.0	15.3	
507	0.00632	18.0	2.31	0.0	0.538	6.575	65.2	4.09	1.0	296.0	15.3	
		11	12									
506	396.9	4.98										
507	396.9	4.98										

```
In [15]: X.iloc[[2,3,4],:]
        X.iloc[[2,3,4],3]
```

```
Out[15]: 2    0.0
        3    0.0
        4    0.0
        Name: 3, dtype: float64
```

```
In [16]: X=X.drop_duplicates()
        X[X.duplicated()]
```

```
Out[16]: Empty DataFrame
        Columns: [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12]
        Index: []
```