In [1]:
```
import pandas as pd
```

In [2]:
```
import numpy as np
```

In [3]:
```
import matplotlib.pyplot as plt
```

In [5]:
```
dataset = pd.read_csv(r'C:\Users\Dell\dsbda\housing.csv')
```

In [6]:
```
x=np.array([95,85,80,70,60])
```

In [7]:
```
y=np.array([85,95,70,65,70])
```

In [8]:
```
model=np.polyfit(x,y,1)
```

In [9]:
```
model
```

Out[9]:
```
array([ 0.64383562, 26.78082192])
```

In [10]:
```
predict=np.poly1d(model)
```

In [11]:
```
predict(65)
```

Out[11]:
```
68.63013698630135
```

In [12]:
```
predict(x)
```

Out[12]:
```
array([87.94520548, 81.50684932, 78.28767123, 71.84931507, 65.4109589 ])
```

In [15]:
```
dataset.isnull().sum()
```

Out[15]:
```
Avg. Area Income              0
Avg. Area House Age           0
Avg. Area Number of Rooms     0
Avg. Area Number of Bedrooms  0
Area Population               0
Price                         0
Address                       0
dtype: int64
```

In [16]:
```
LinearRegression()
```

```
---------------------------------------------------------------------------
NameError                                 Traceback (most recent call last)
<ipython-input-16-6fca65a217d5> in <module>
----> 1 LinearRegression()

NameError: name 'LinearRegression' is not defined
```

In [ ]:
```

```