QUESTION #01

NEWYORK

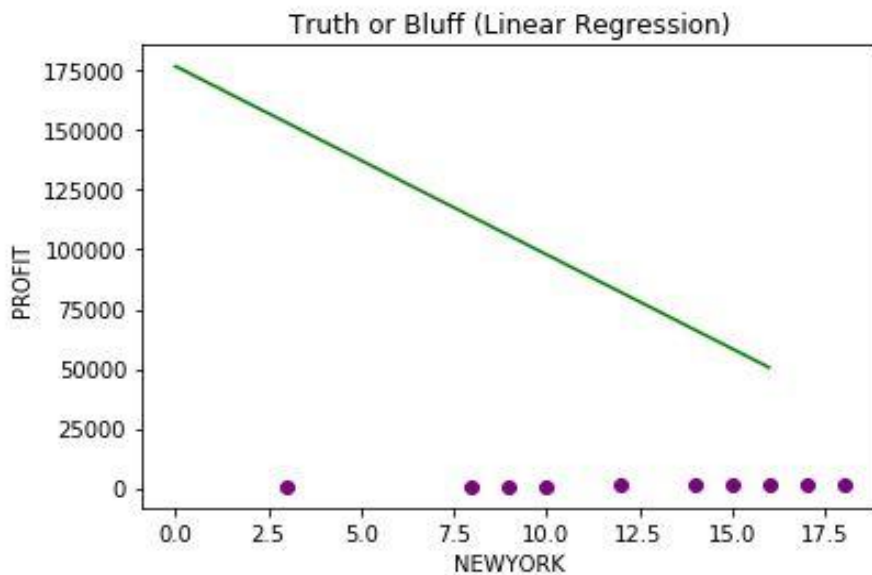### Truth or Bluff (Linear Regression)

Truth or Bluff (Polynomial Regression)
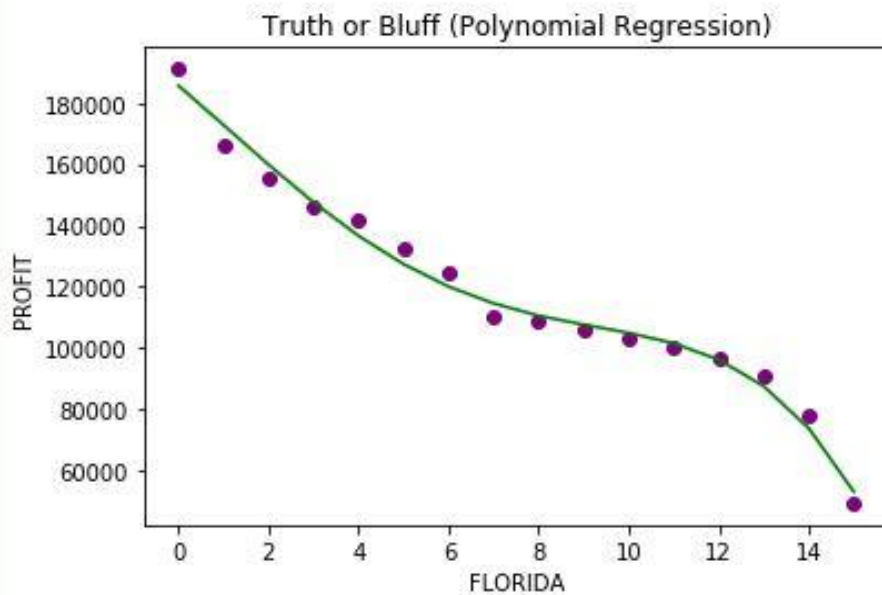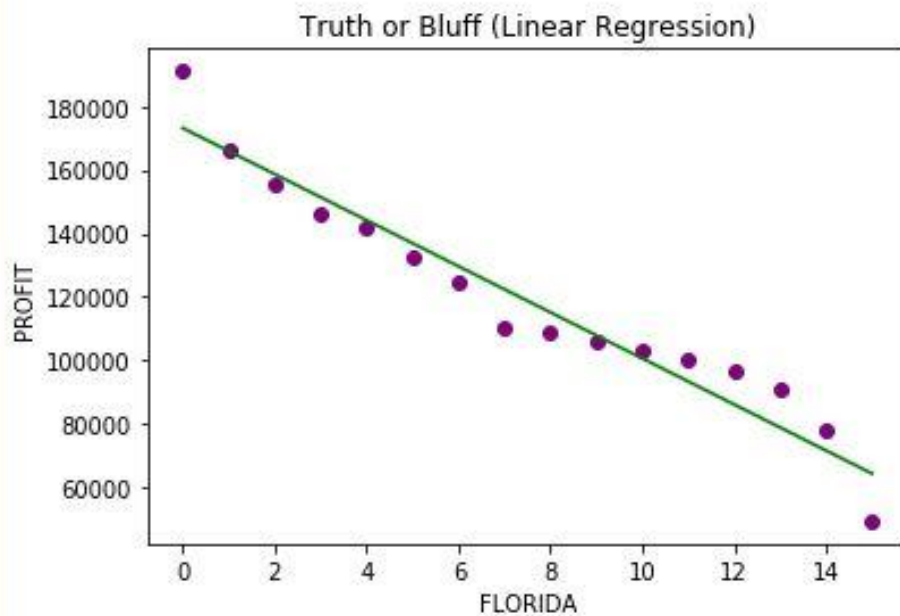


```
Out[70]: array([105402.25510519])

In [71]: lin_reg_2.predict(poly_reg.fit_transform([[8.8]]))
Out[71]: array([105402.25510519])

In [72]:
```

FLORIDA

Truth or Bluff (Linear Regression)
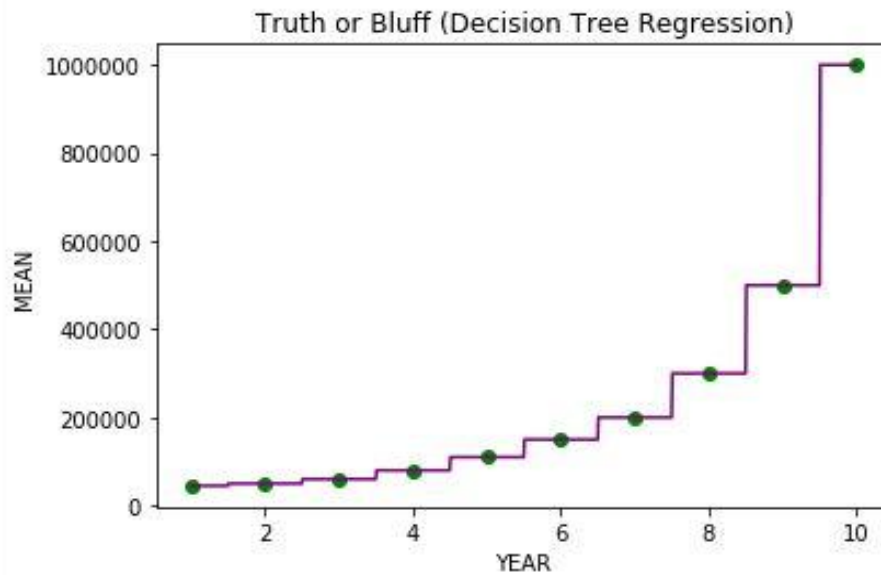

Truth or Bluff (Polynomial Regression)


```
In [10]: lin_reg_2.predict(poly_reg.fit_transform([[8.8]]))
Out[10]: array([108213.93999058])

In [11]:
```
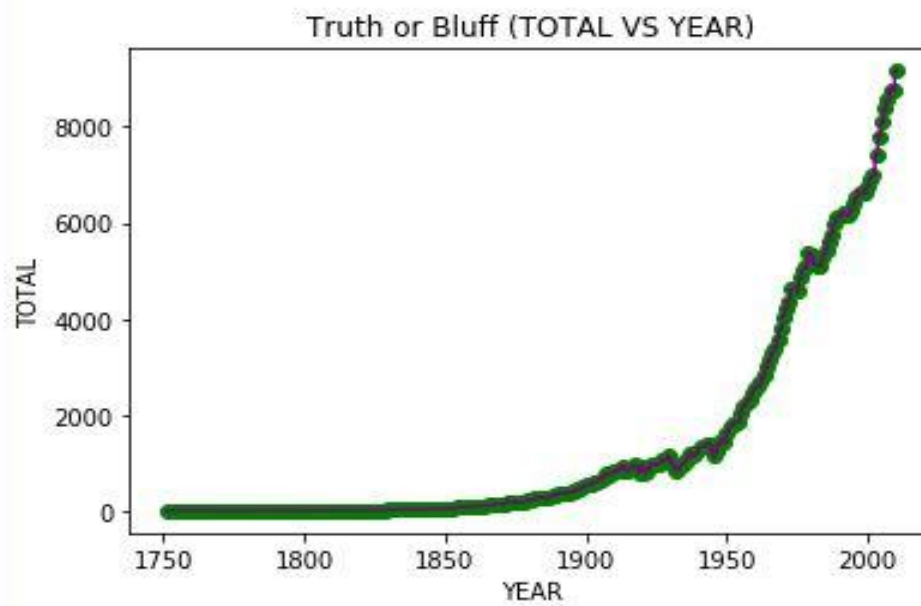
FLORIDA PROFIT>NEWYORK PROFIT

QUESTION #02

Truth or Bluff (Decision Tree Regression)

```
In [26]: regressor.predict([[2016]])
Out[26]: array([1000000.])

In [27]: regressor.predict([[2017]])
Out[27]: array([1000000.])
```

QUESTION #03

Truth or Bluff (TOTAL VS YEAR)

```
In [39]: regressor.predict([[2011]])
Out[39]: array([9167.])

In [40]: regressor.predict([[2012]])
Out[40]: array([9167.])

In [41]: regressor.predict([[2013]])
Out[41]: array([9167.])
```
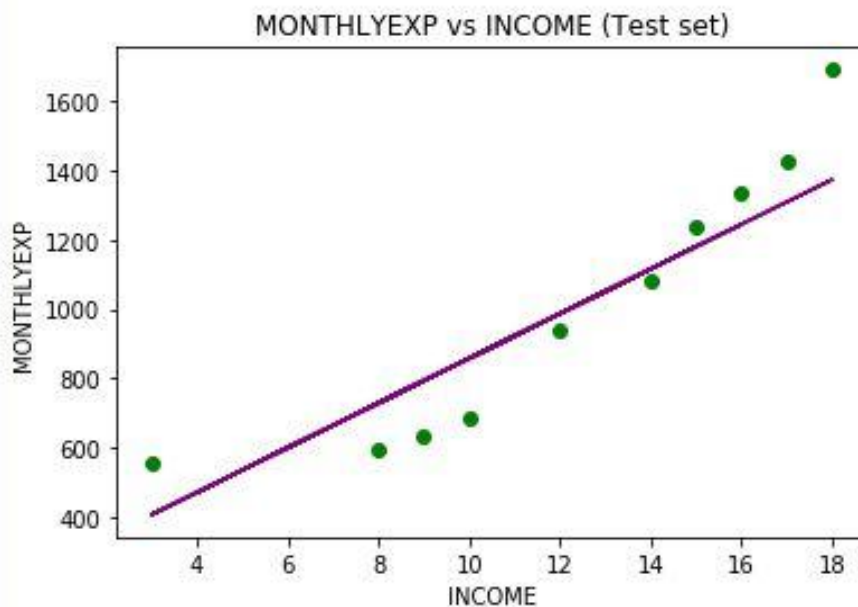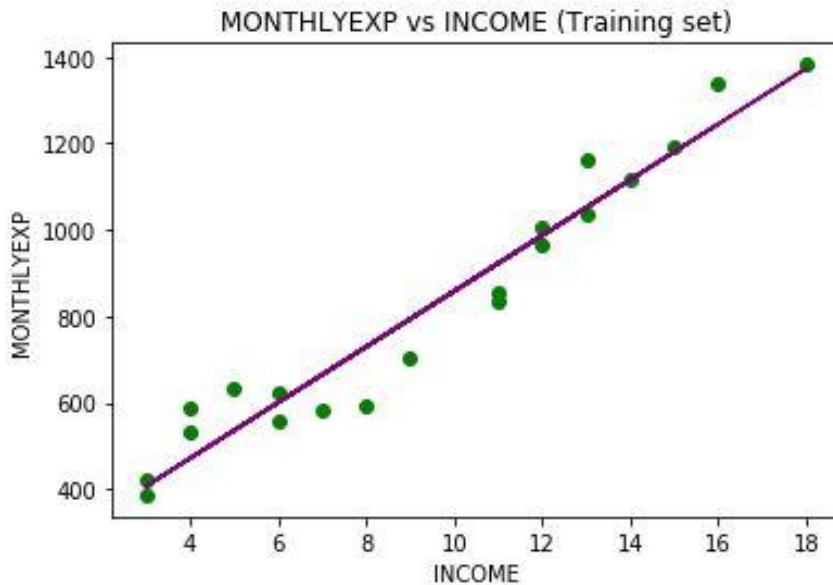
QUESTION #04

housing price (Training set)

housing price (Test set)


```
In [10]: regressor.predict([[3000]])
Out[10]: array([182945.86490642])

In [11]: regressor.predict([[2096]])
Out[11]: array([178490.55049578])
```

QUESTION 05

MONTHLYEXP vs INCOME (Training set)

MONTHLYEXP vs INCOME (Test set)

```
In [29]: regressor.predict([[68]])
Out[29]: array([4590.21111111])
```