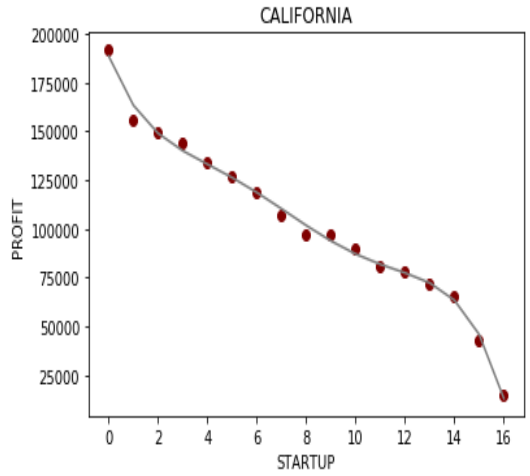
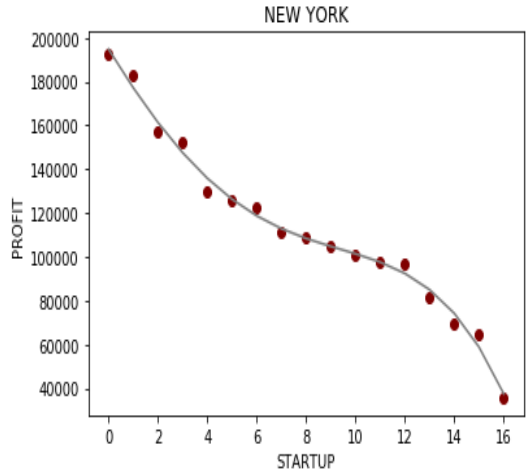
ASSIGNMENT 03

OUTPUTS

50 SARTUPS OF CALIFORNIA AND NEW YORK




```
Profit of California is
 [-496952.07733621]
```




```
Profit of New York is
 [-137280.43898053]
```

```
'NEW YORK WILL PROVIDE BEST PROFIT IN FUTURE'
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ANNUAL TEMPERATURE BETWEEN TWO INDUSTRIES

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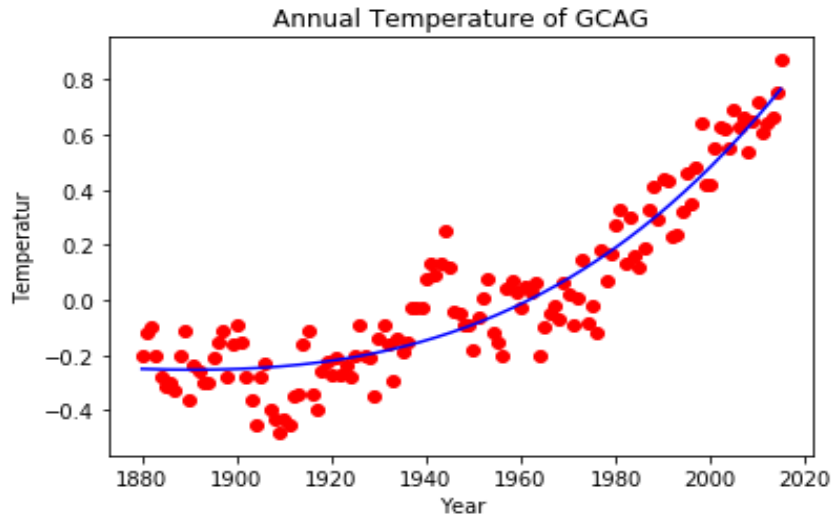
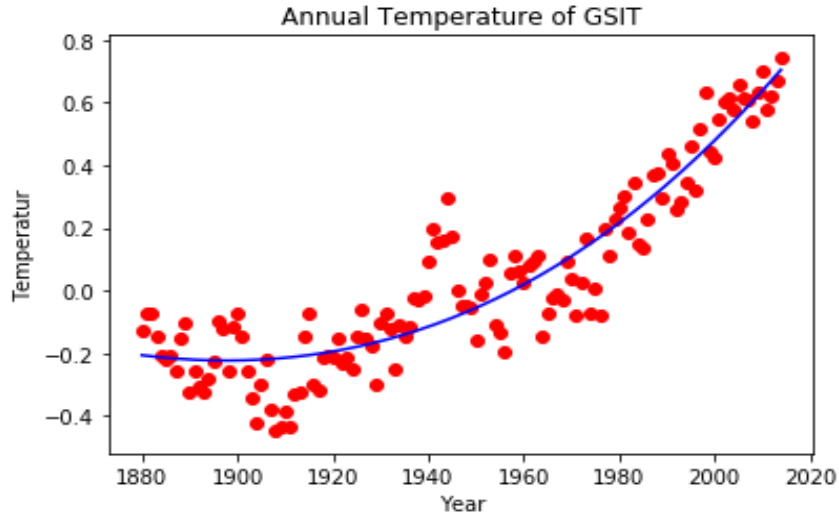
untitled0.py', wdir='C:/ASSIGNMENT NO 5/annual_temp')
```



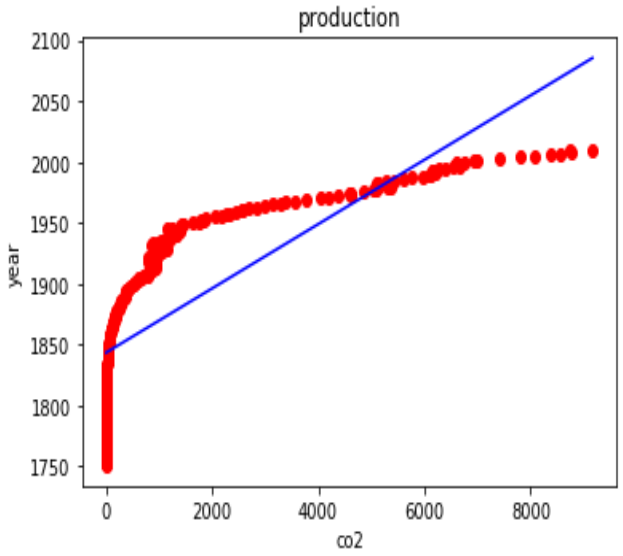

```
temperature of GCAG in 2016 will be [0.49777778]
temperature of GCAG in 2017 will be [0.81039365]
```

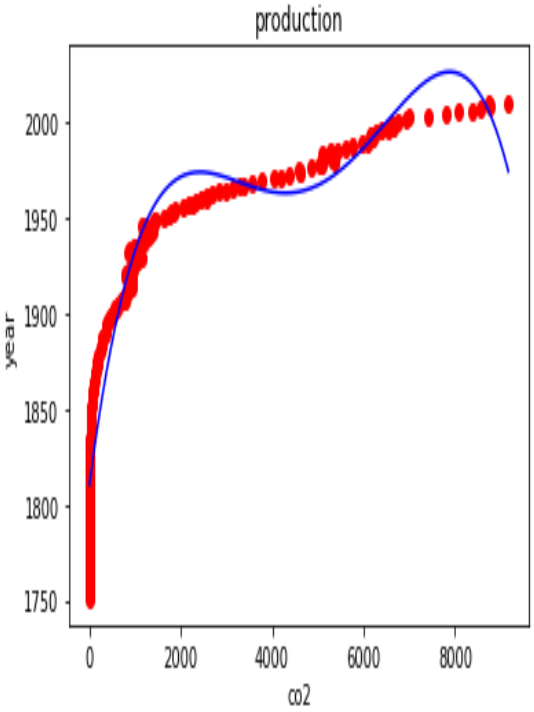


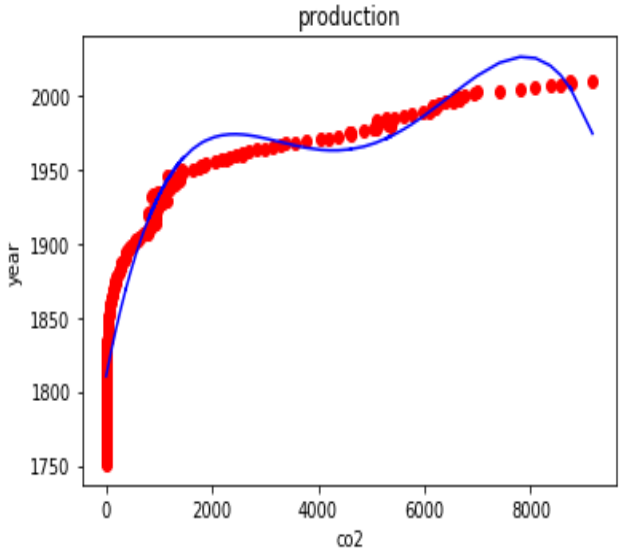

```
temperature of GSIT in 2016 will be [0.4907837]
temperature of GSIT in 2017 will be [0.75943116]

In [60]:
```

GLOBAL PRODUCTION OF CO2



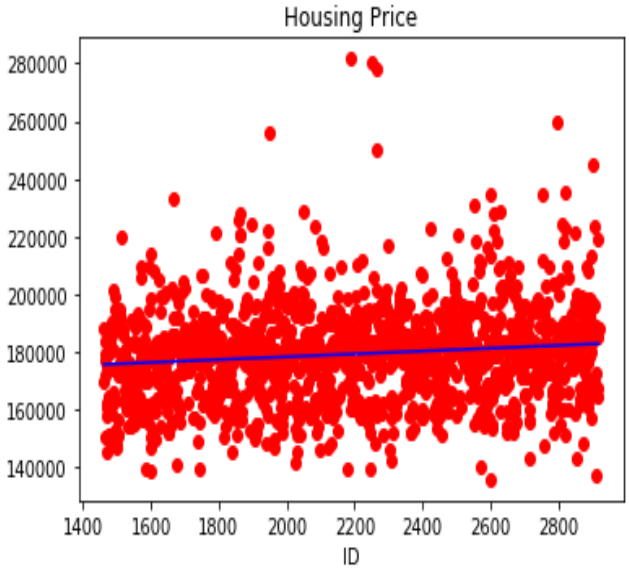





```
Predicting a new result with Linear Regression
Production of co2 in year 20011 is [[1896.55338074]]
Production of co2 in year 20012 is [[1896.57977514]]
Production of co2 in year 20013 is [[1896.60616955]]
```

```
Predicting a new result with Polynomial Regression
Production of co2 in year 20011 is [[1896.55338074]]
Production of co2 in year 20012 is [[1896.57977514]]
Production of co2 in year 20013 is [[1896.60616955]]
```

HOUSING PRICE




```
Predicting a new result with Linear Regression
The housing price foe ID 2920 is [182799.74140246]
The housing price foe ID 2920 is [182799.74140246]
The housing price foe ID 2920 is [182804.68780897]


 Predicting a new result with Polynomial Regression
The housing price foe ID 2920 is [182890.23722977]
The housing price foe ID 2920 is [182894.11841481]
The housing price foe ID 2920 is [182897.95941999]

In [10]:
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MONTHLY EXPIRIENCE AND INCOME DISTRIBUTION