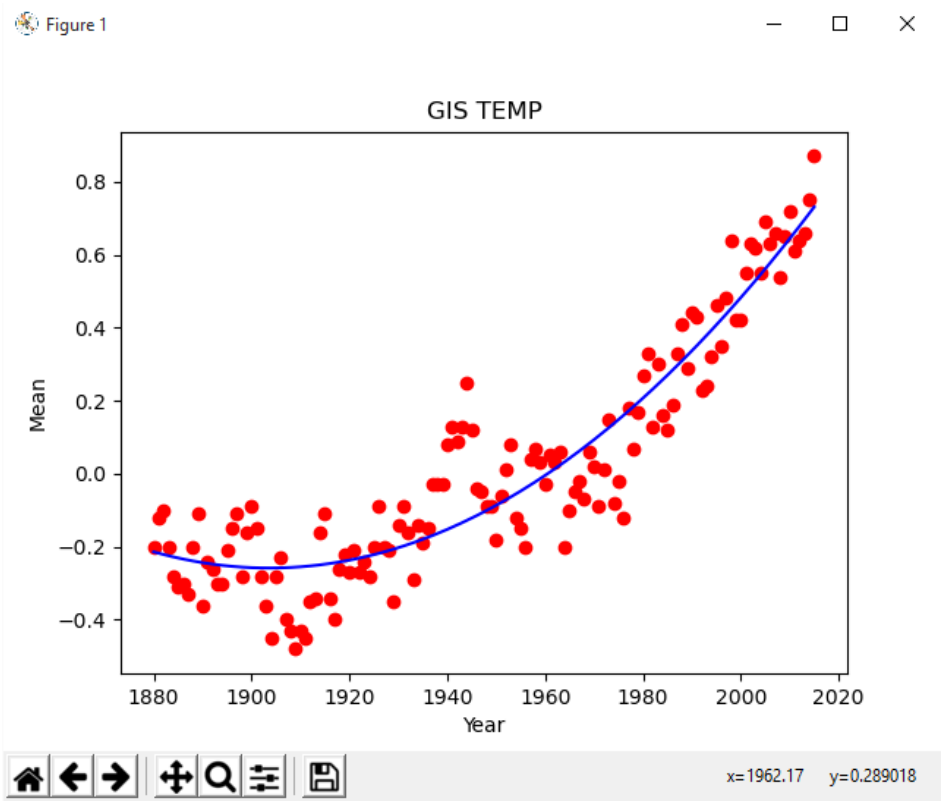
QUESTION 1:

Take 50 startups of any two countries and find out which country is going to provide best profit in future.

```
startups
C:\Users\User\AppData\Local\Programs\Python\Python37\python.exe D:/mld/startups.py
Accuracy score for California dataset:
0.9371729194787993
Accuracy score for New York dataset:
0.9554635470916312


Predicting profit in both states on same data...

Profit obtained in California:
[269887.75698535]
Profit obtained in New York:
[251767.22288178]

Process finished with exit code 0
```

QUESTION 2:

Annual temperature between two industries is given. Predict the temperature in 2016 and 2017 using the past data of both industries.



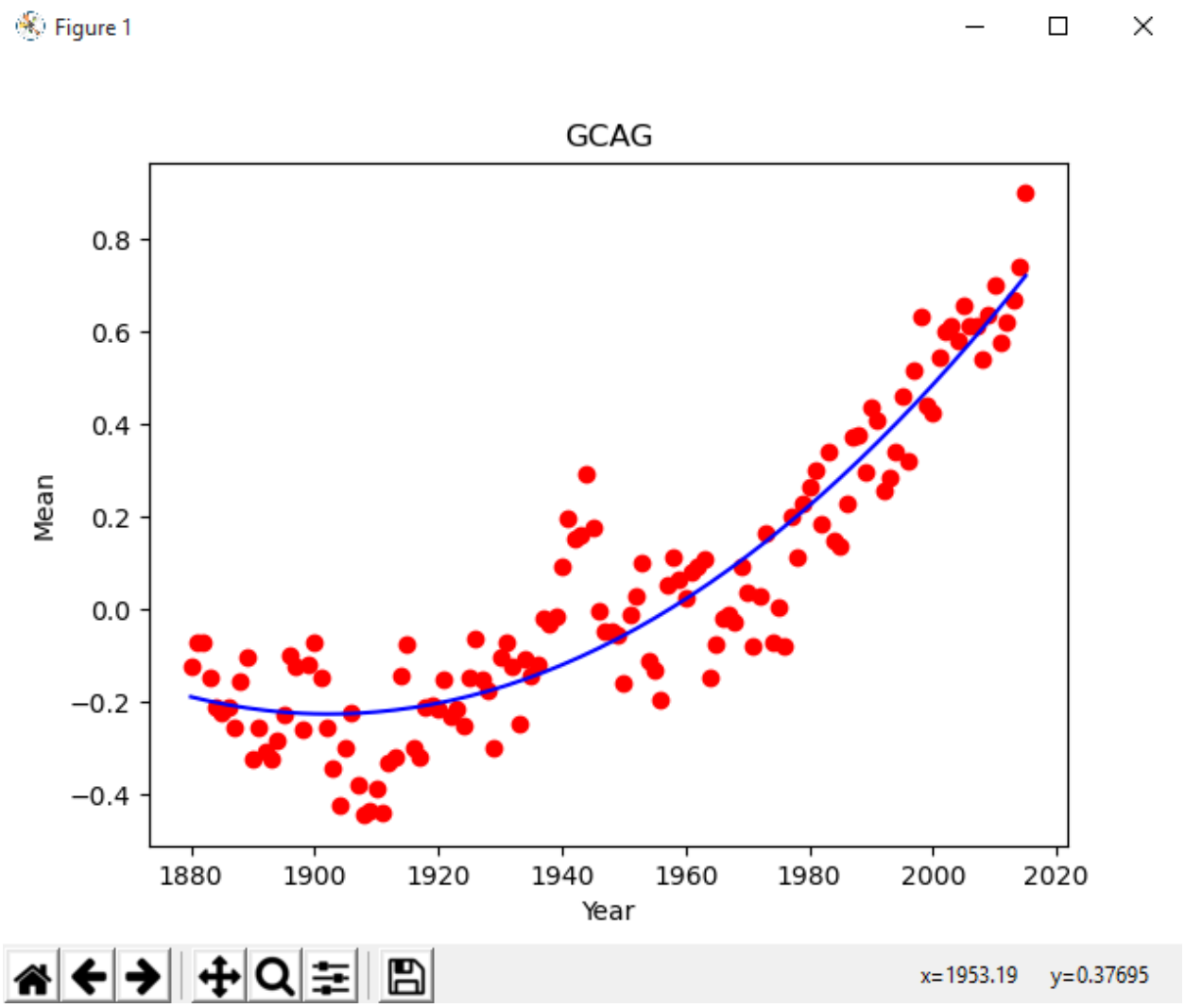
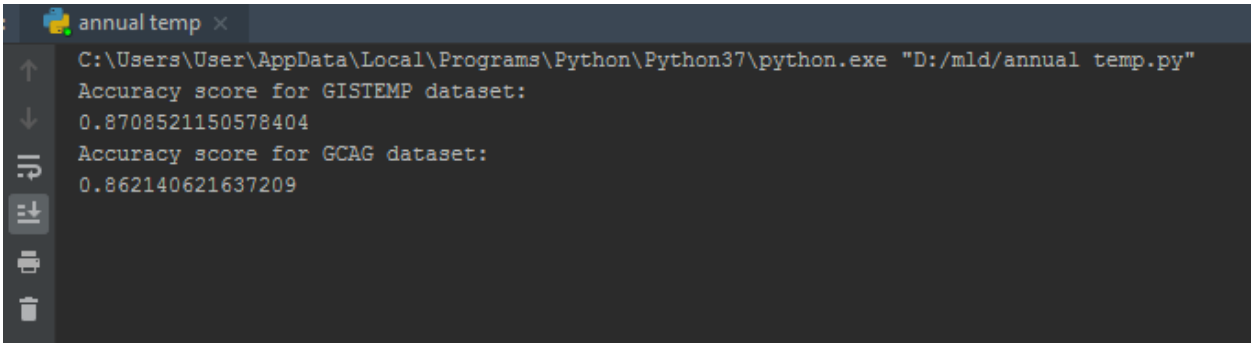
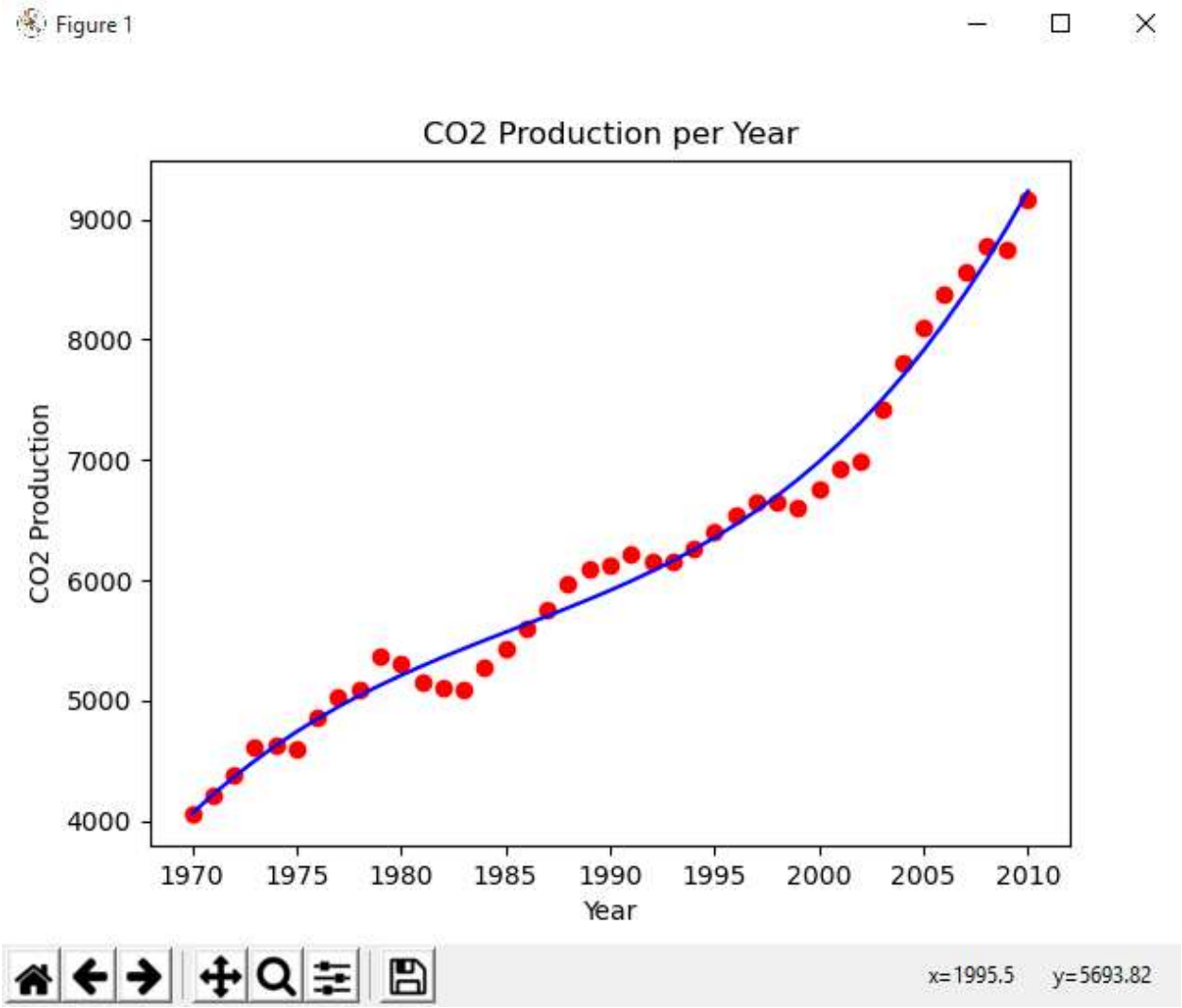


Figure 1
GCAG
Mean
Year
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
1880
1900
1920
1940
1960
1980
2000
2020
x=1953.19
y=0.37695


annual temp
C:\Users\User\AppData\Local\Programs\Python\Python37\python.exe "D:/mld/annual temp.py"
Accuracy score for GISTEMP dataset:
0.8708521150578404
Accuracy score for GCAG dataset:
0.862140621637209

QUESTION 3:

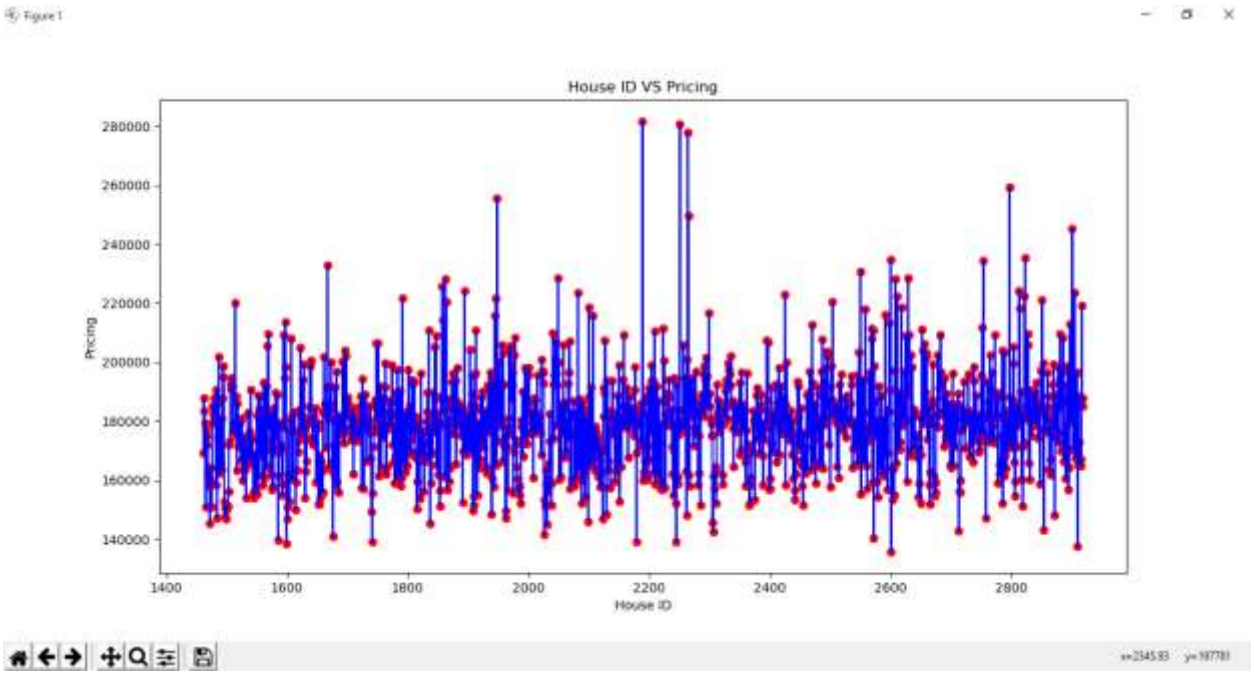
Data of global production of CO2 of a place is given between 1970s to 2010. Predict the CO2 production for the years 2011, 2012 and 2013 using the old data set.




```
co2
C:\Users\User\AppData\Local\Programs\Python\Python37\python.exe D:/mld/co2.py

Accuracy of CO2 production per Year:
0.9857267822619333


CO2 production in 2011:
[9556.25872323]
CO2 production in 2012:
[9898.91584465]
CO2 production in 2013:
[10263.34600243]
```

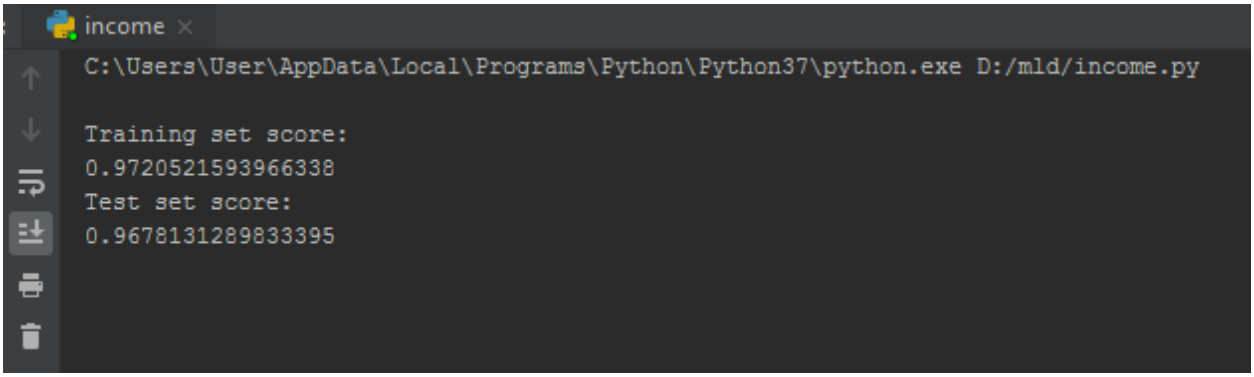
QUESTION 4:

Housing price according to the ID is assigned to every-house. Perform future analysis where when ID is inserted the housing price is displayed.



QUESTION 5:

Data of monthly experience and income distribution of different employs is given. Perform regression.



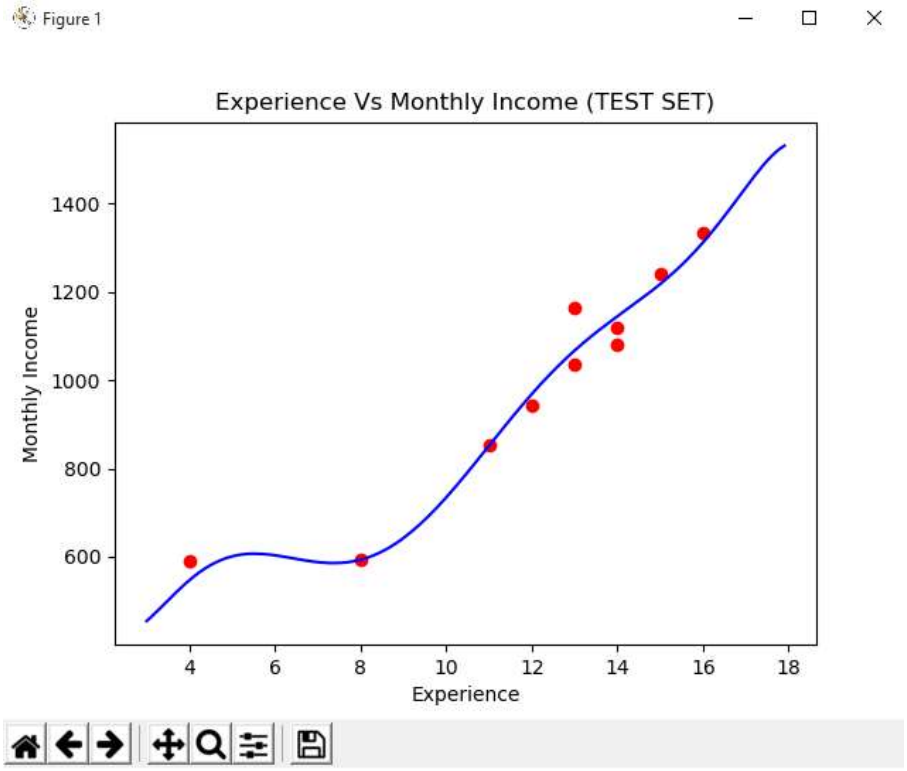


Figure 1
Experience Vs Monthly Income (TEST SET)
Monthly Income
1400
1200
1000
800
600
4
6
8
10
12
14
16
18
Experience

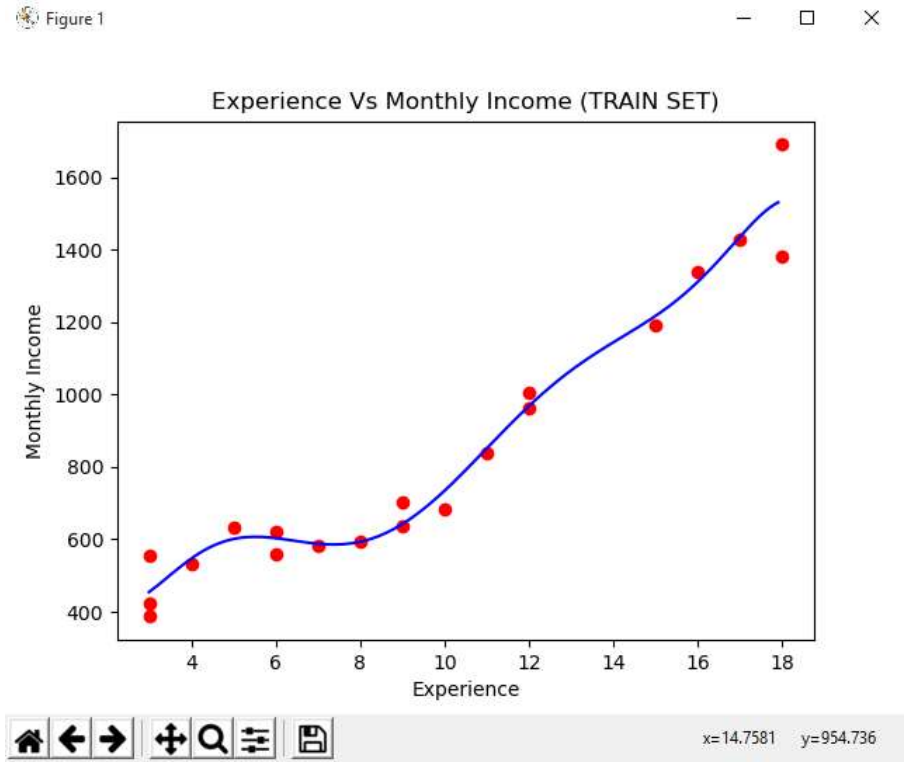


Figure 1
Experience Vs Monthly Income (TRAIN SET)
Monthly Income
1600
1400
1200
1000
800
600
400
4
6
8
10
12
14
16
18
Experience
x=14.7581
y=954.736