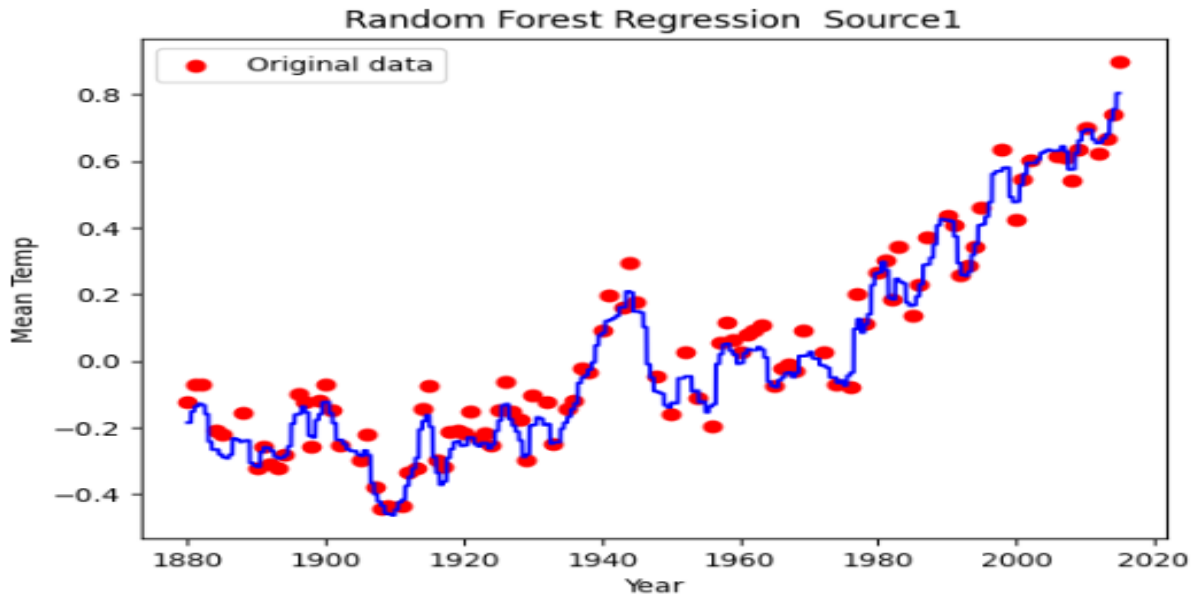
DATASET 02:

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

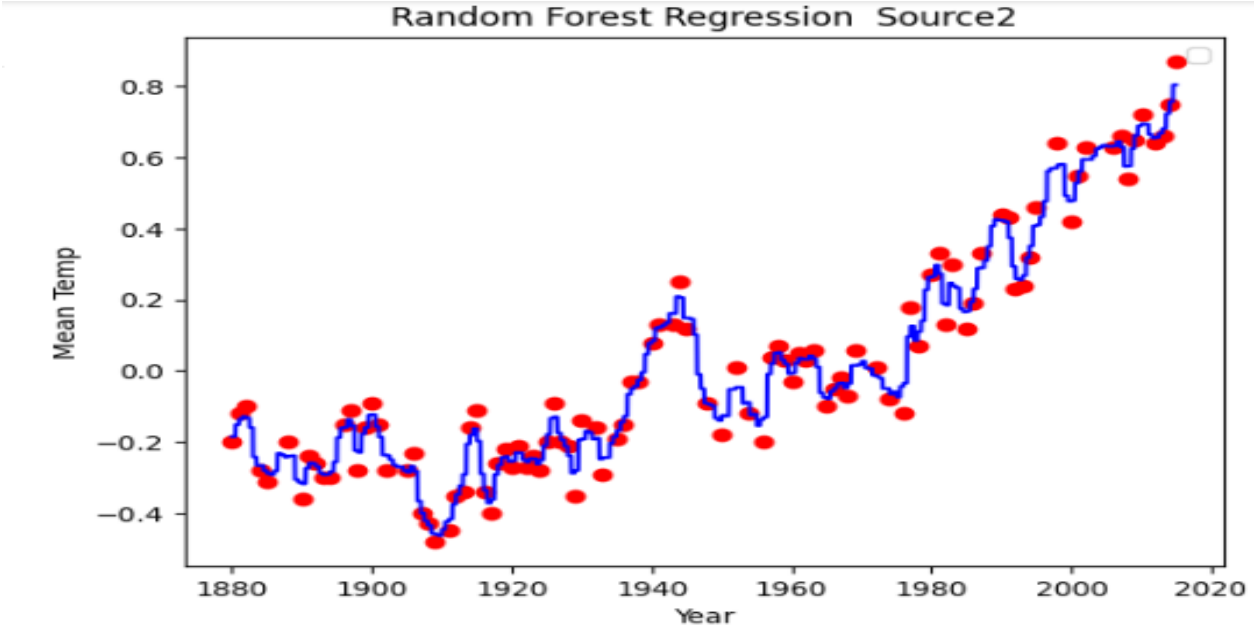
Colab file of the program.

https://colab.research.google.com/drive/1UG-bCwVj_o1mbihqJChJWw-pGyT0-HCz?usp=sharing

RANDOM FOREST REGRESSOR

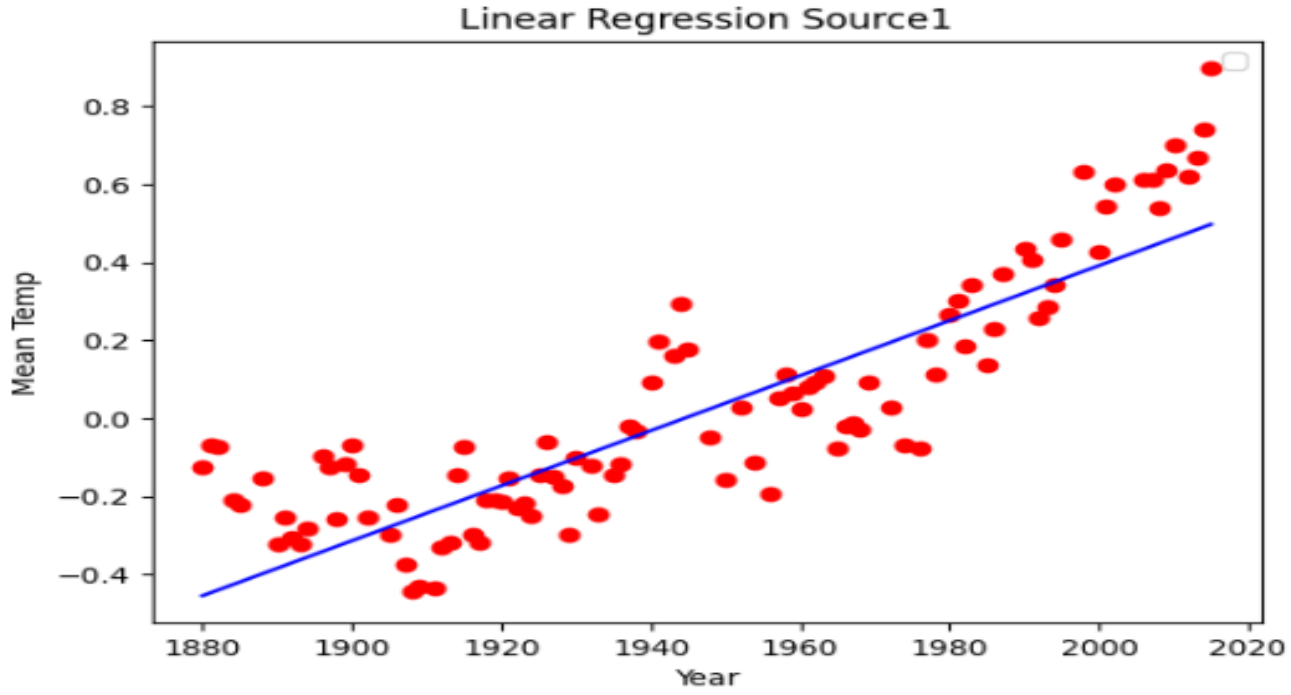


Accuracy: 89.61610992619752

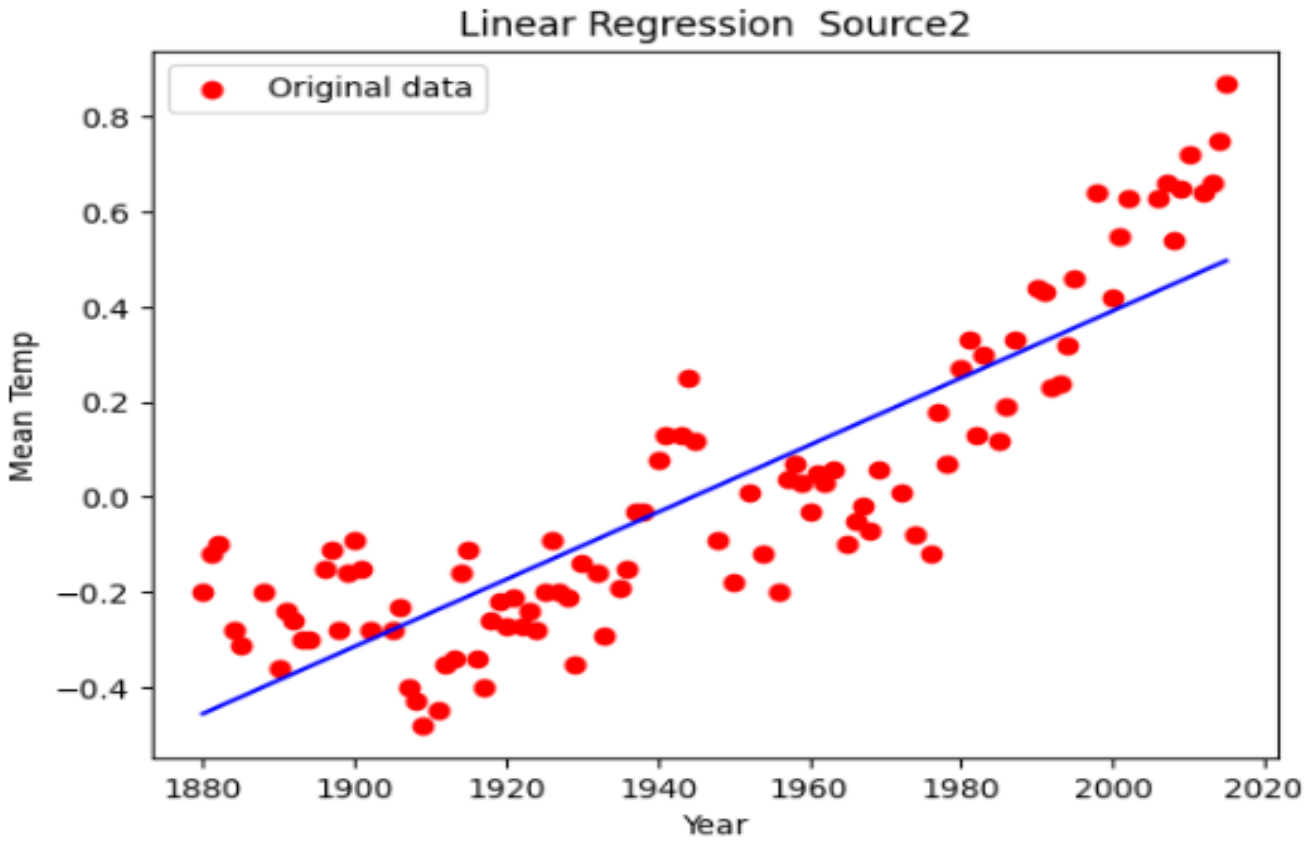


Accuracy: 90.0645441318369

LINEAR REGRESSOR

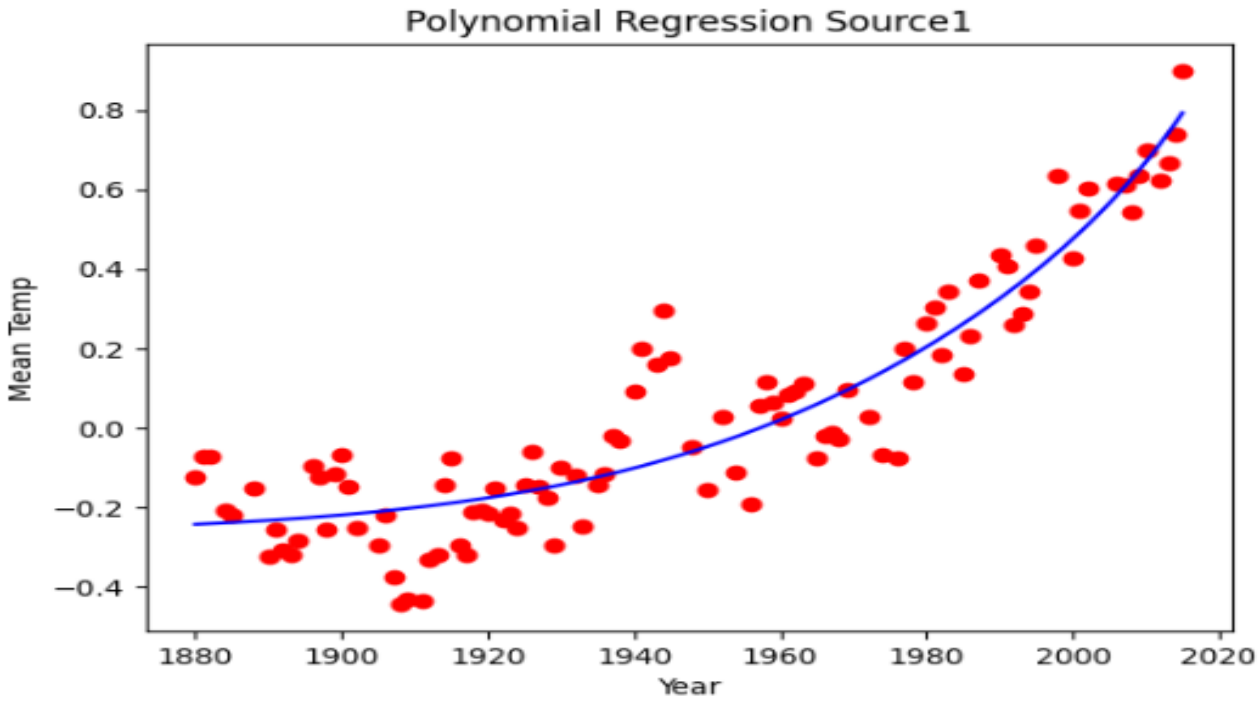



```
Accuracy:  73.8165960710989
```

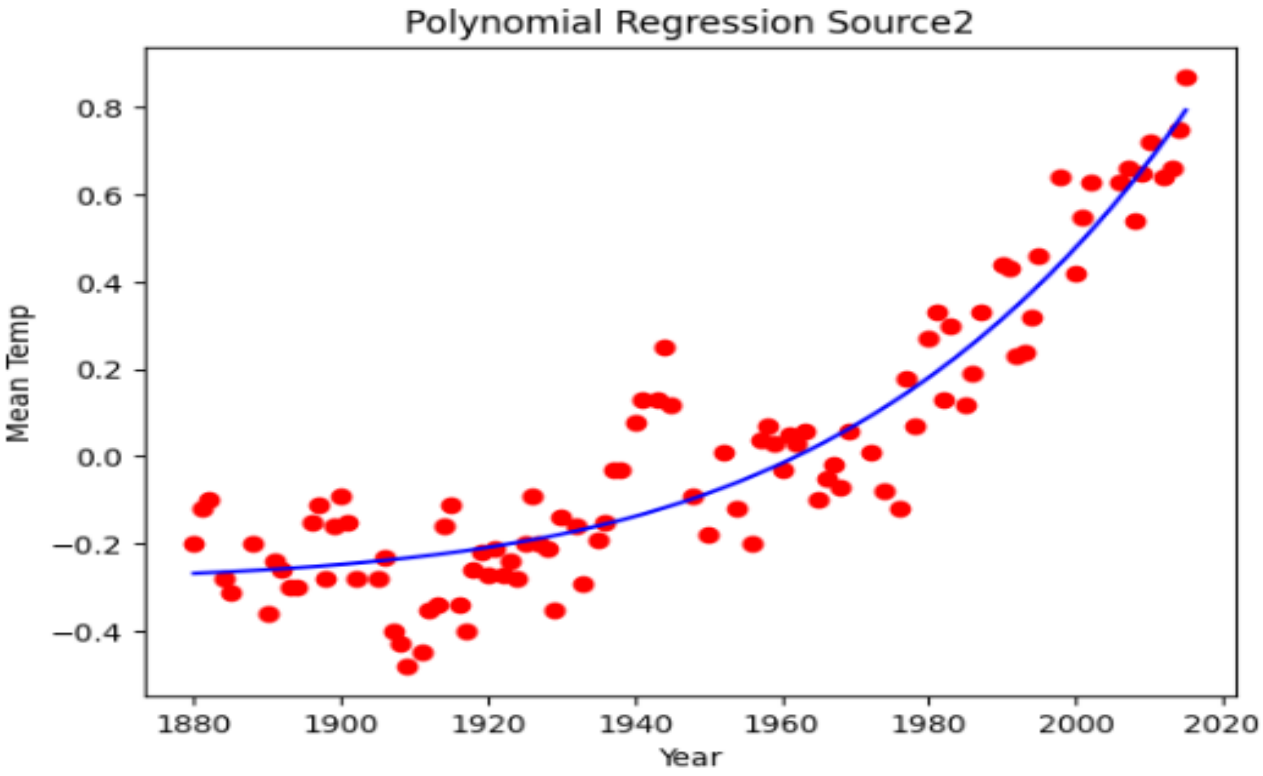



```
Accuracy:  75.19966365274368
```

POLINOMIAL REGRESSION

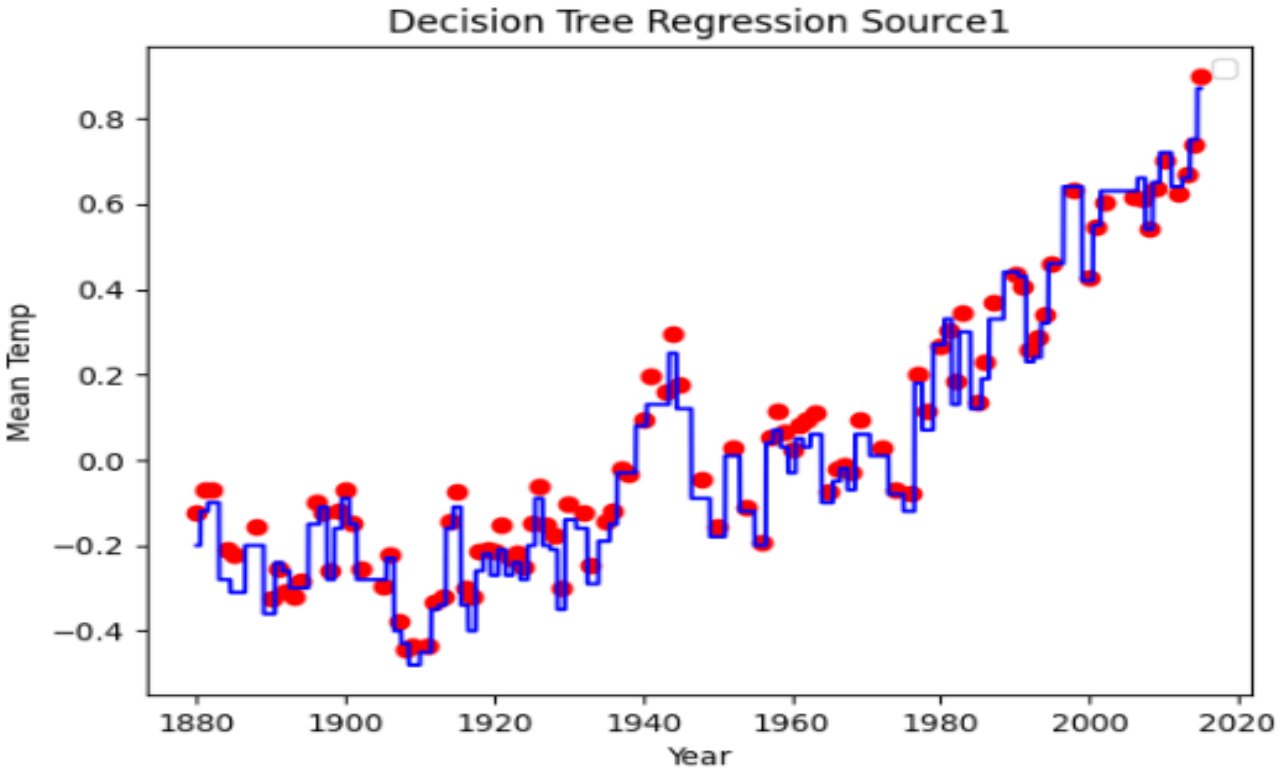



```
Accuracy:  86.47644131694854
```

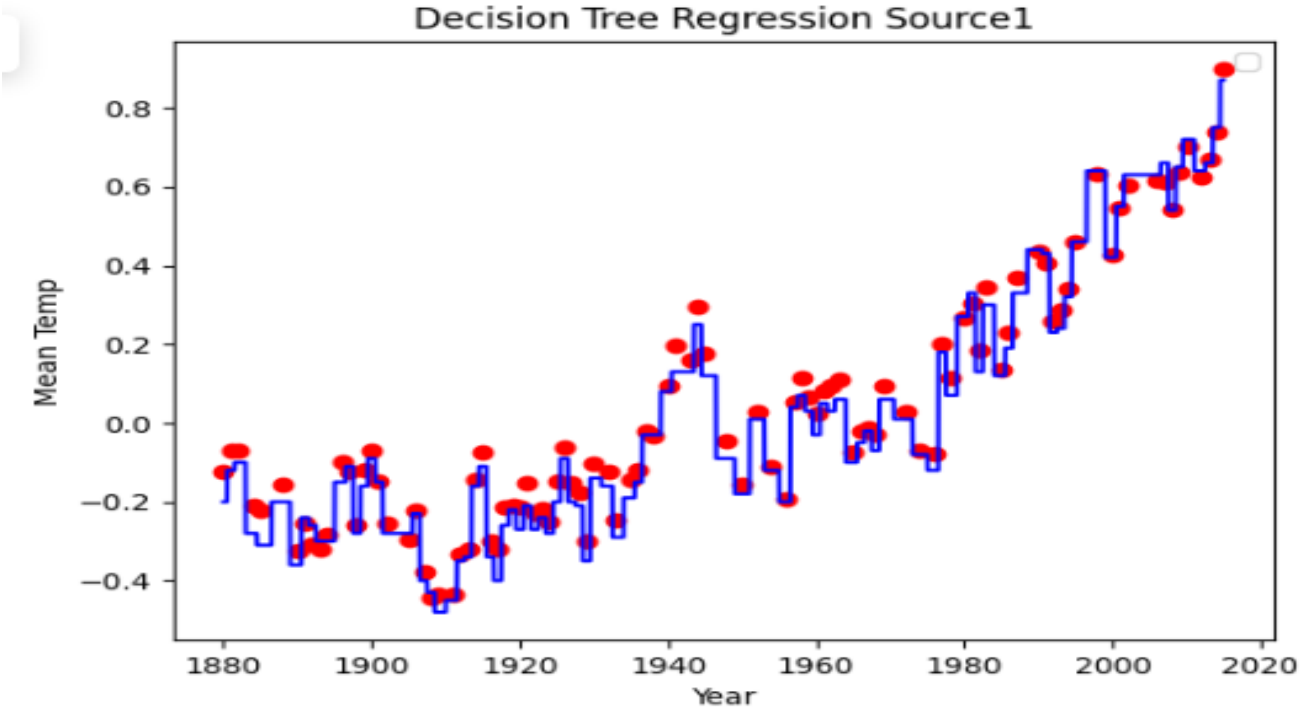



```
Accuracy:  87.76043360327257
```

DECISION TREE REGRESSION




```
Accuracy:   86.20545996630703
```




```
Accuracy:   86.93544354707218
```

The average Temperature in 2016 and 2017 for Source 01 are:

```
Predicted value for the year 2016: 0.80407142857142 91
Predicted value for the year 2017: 0.80407142857142 91
```

The average Temperature in 2016 and 2017 for Source 02 are:

```
Predicted value for the year 2016: 0.81963142857142 93
Predicted value for the year 2017: 0.81963142857142 93
```