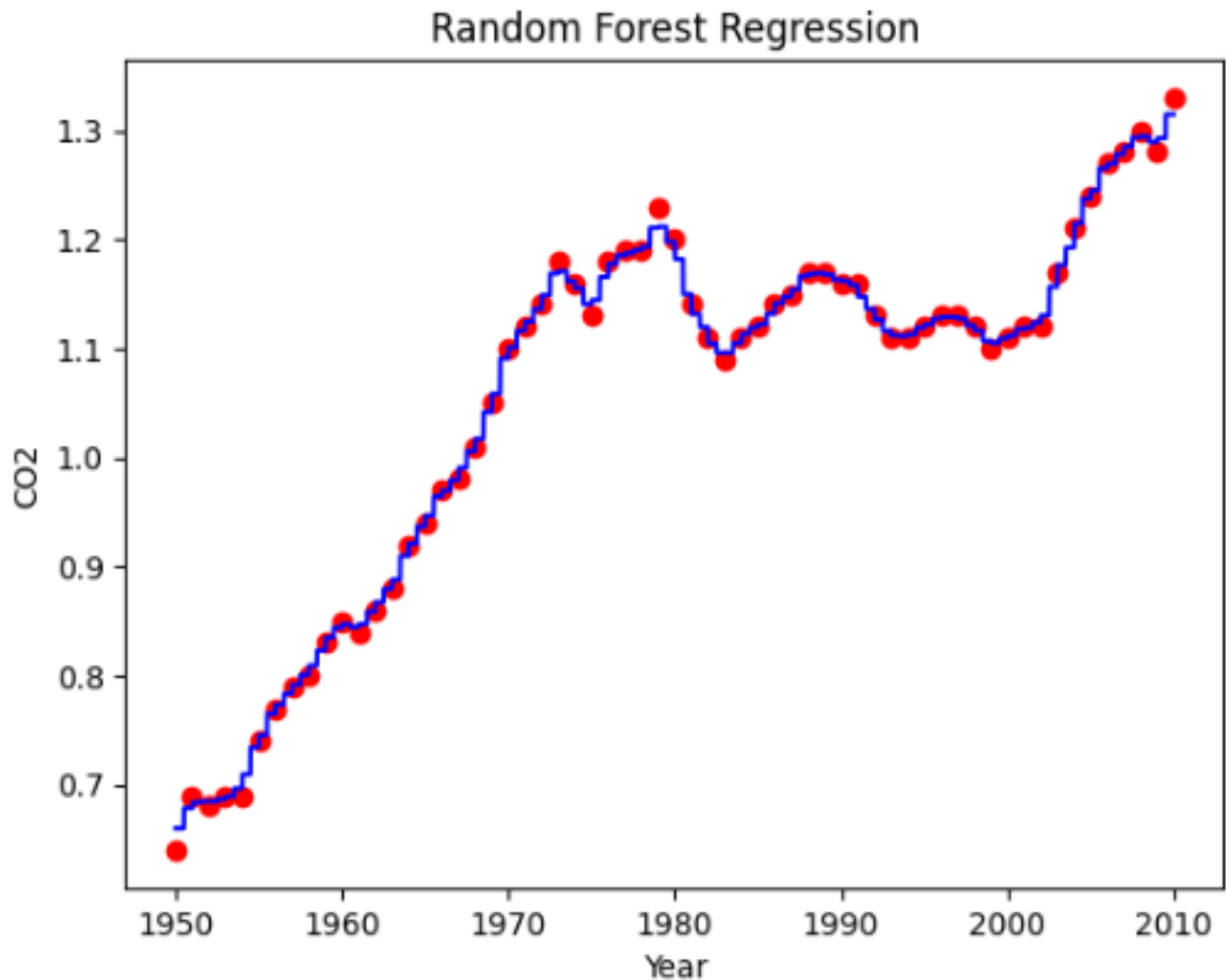# Module 2 – Regression

DATASET 01:

Data of global production of CO_2 of a place is given from 1970 to 2010. Predict the CO_2 production (per capita) for the years 2011, 2012 and 2013 using the old data set.
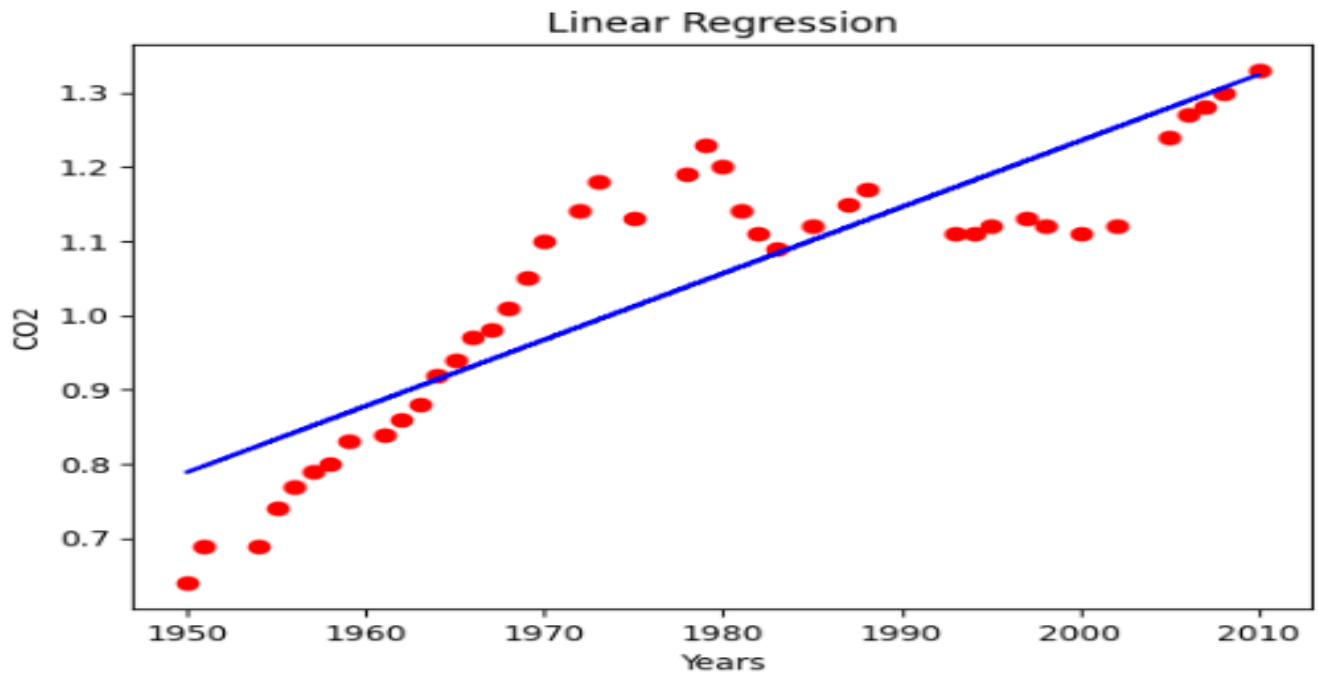
> **Colab file of the program.**
>
> **https://colab.research.google.com/drive/1cH5x6rTt8ALpSUAzkkuauzJBr79A2Z6C?usp=sharing**

RANDOM FOREST REGRESSOR
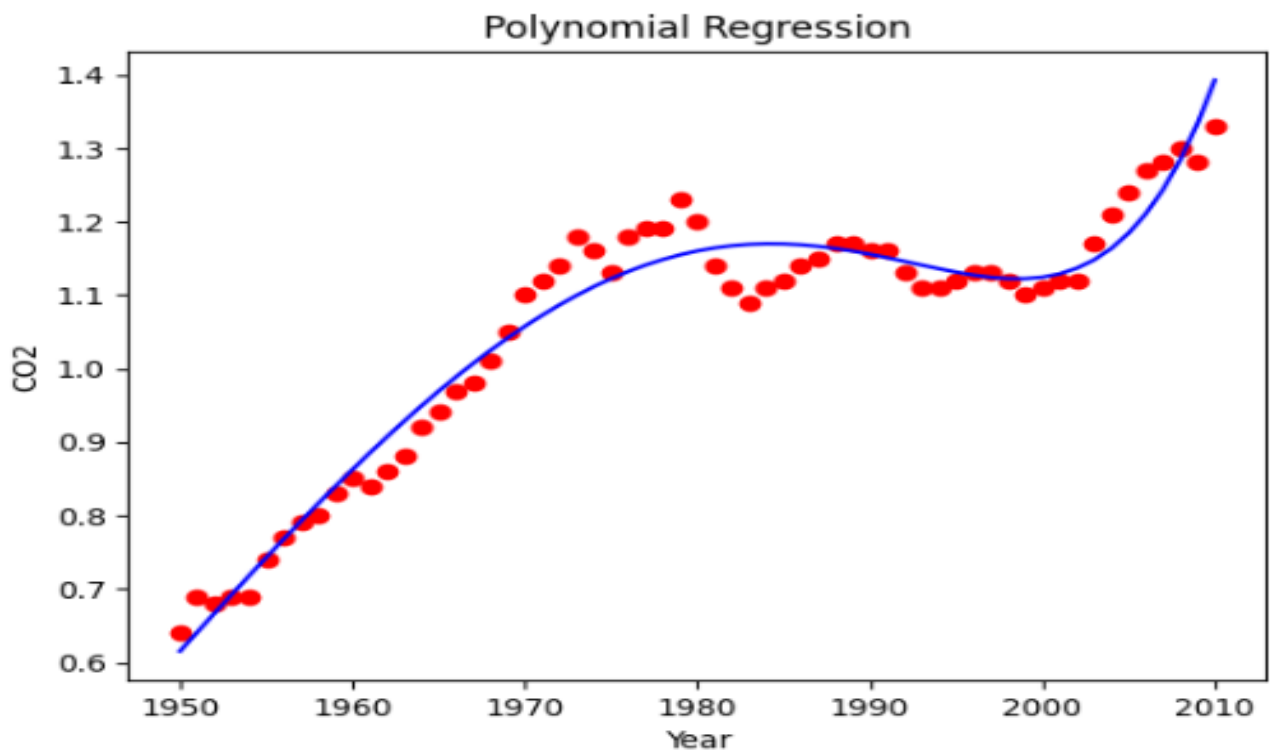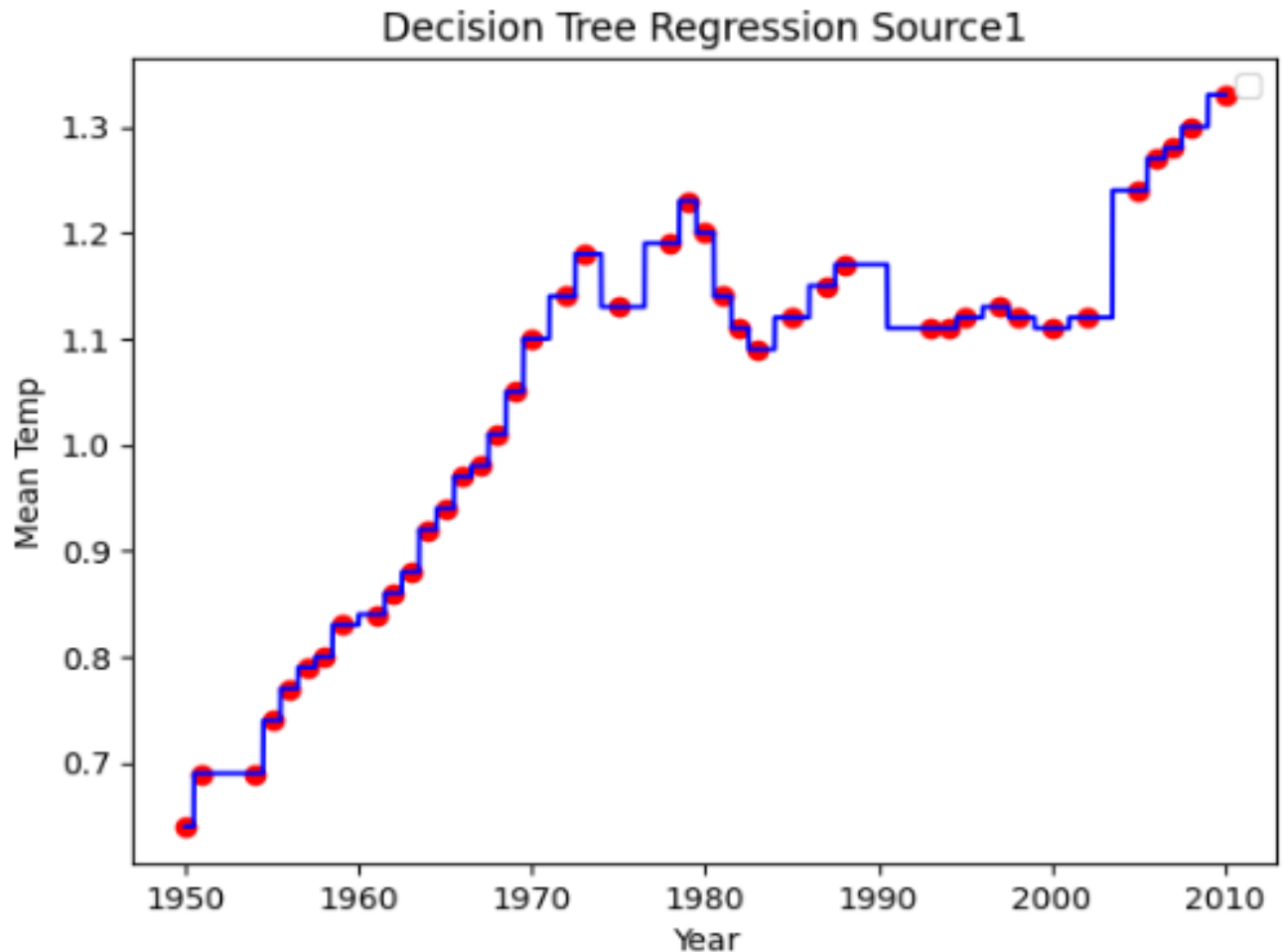

Accuracy: 99.77520461777793

LINEAR REGRESSOR

Accuracy: 62.82530704752946

POLINOMIAL REGRESSION

Accuracy: 95.79396178979384

DECISION TREE REGRESSION

Decision Tree Regression Source1

Accuracy: 97.54959912301443

Predicted value for the year 2011: 1.3145161290322573
Predicted value for the year 2012: 1.3145161290322573
Predicted value for the year 2013: 1.3145161290322573