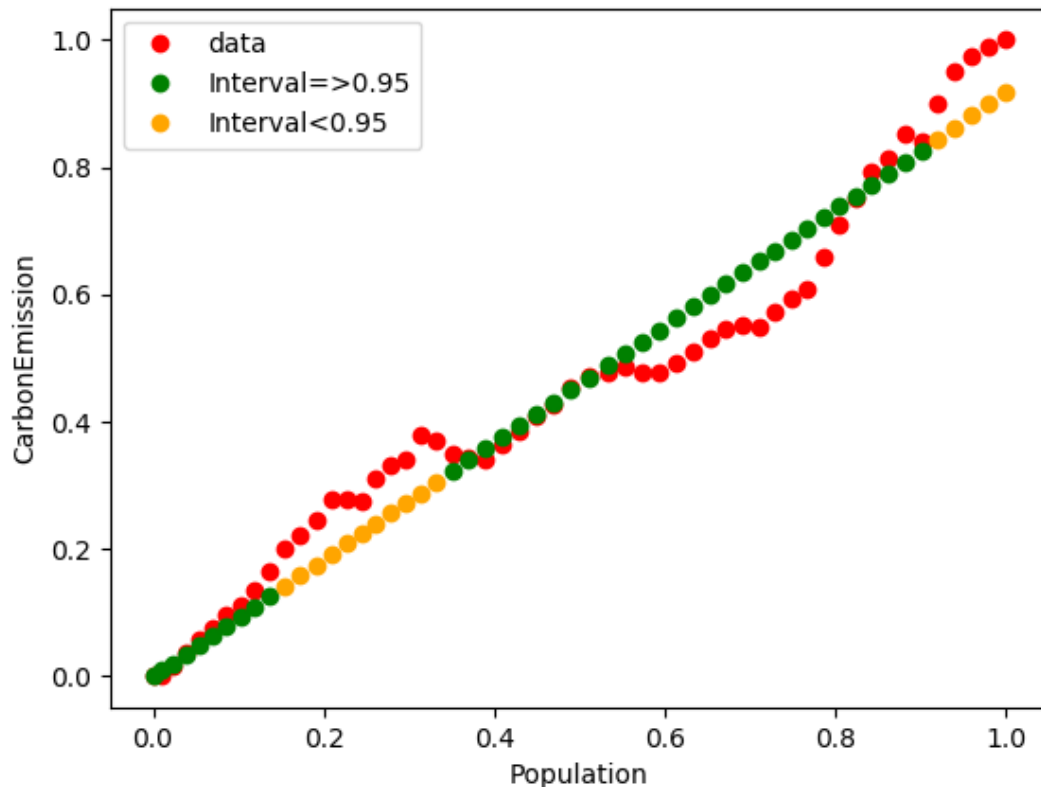


## QMBU450 Homework 2 Report

In this homework I used the data from World Bank database using their API by wbdata module. When retrieved this data is written into the econ.csv file which than read by the data.py and used to perform a linear regression. The data that is used for linear regression is “Carbon Emission Worldwide” x “Population Worldwide”. I used this data because it was easy to fit a linear regression line. My hypothesis was that there is a correlation between the population and carbon emission. After normalizing my data I run the linear regression function I wrote on the data. The result of my linear regression can be seen below:



As we can see from the graph there is a correlation between the population and carbon emission worldwide. Moreover with this linear regression we can guess carbon emission from the linear regression line by giving the population.