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QMBU450 – Hw2

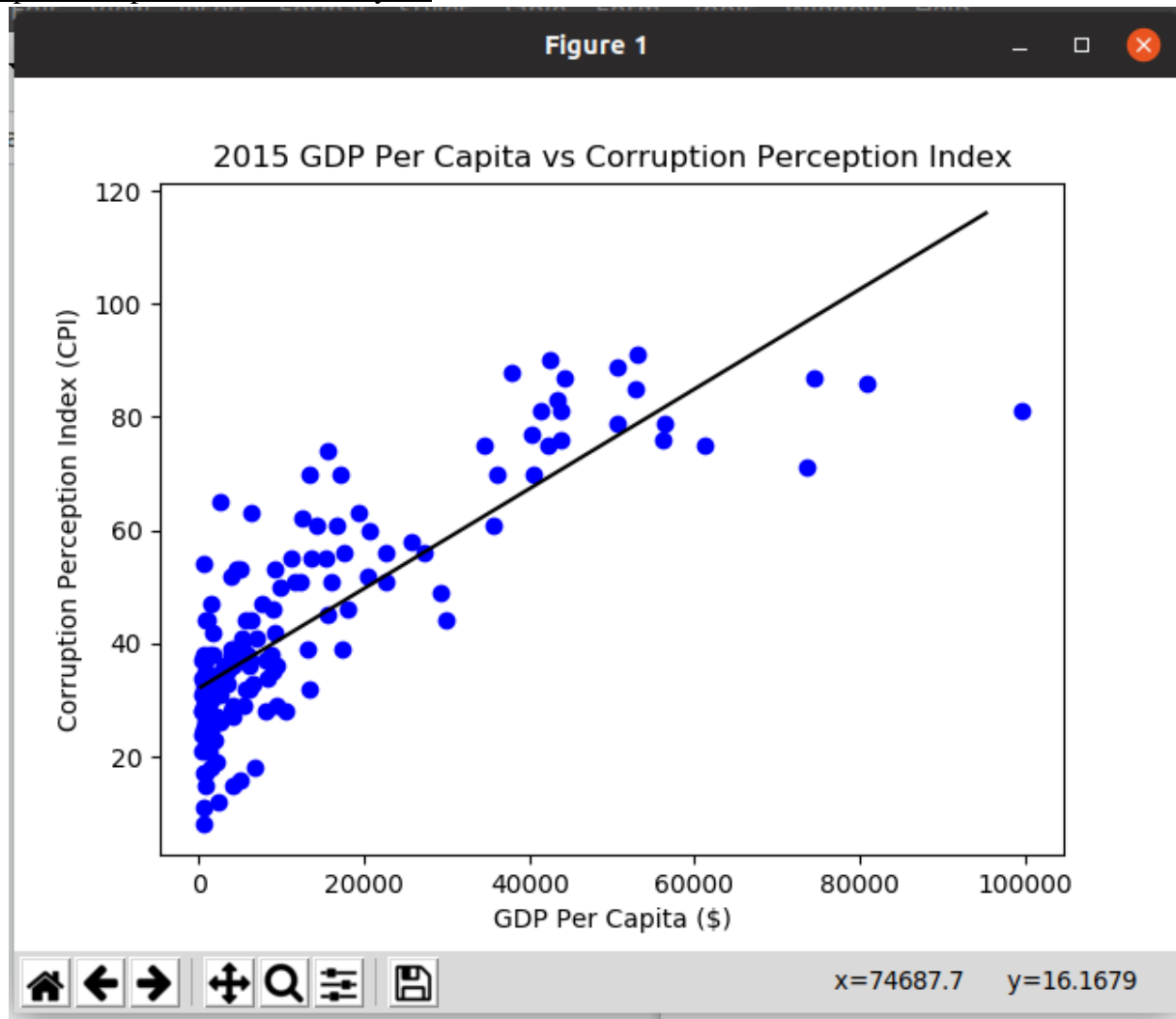
Hypothesis: As GDP per capita growth increase corruption perception index also increases all over the world since more money leads to more theft.

Prediction: There will be a linear correlation between GDP per capita and corruption perception index.

To test the hypothesis, below data is gathered for 154 different countries around the world from the data.world database, the data is collected in 2015:

- GDP Per Capita (Current US\$)
- Corruption Perception Index (percentage)

Graphical Representation of analysis:



The hypothesis is partially accepted since there is not directly linear correlation between GDP per capita and Corruption Perception Index but there is a positive correlation between them as it seems in graph.