



GDP Analysis of the World for the Years 2000-2012

Factors affecting GDP and sustainable growth.

- The Organization for Economic Co-operation and Development has created a department under its name which focuses on how a country can attain sustainable growth. To help them with this we have determined few factors which a country should focus on to sustain GDP/ Capita.
- Using various Data Analysis methods, we propose few points which should be considered for the solution to the problem of “How a country can attain sustainable growth”.

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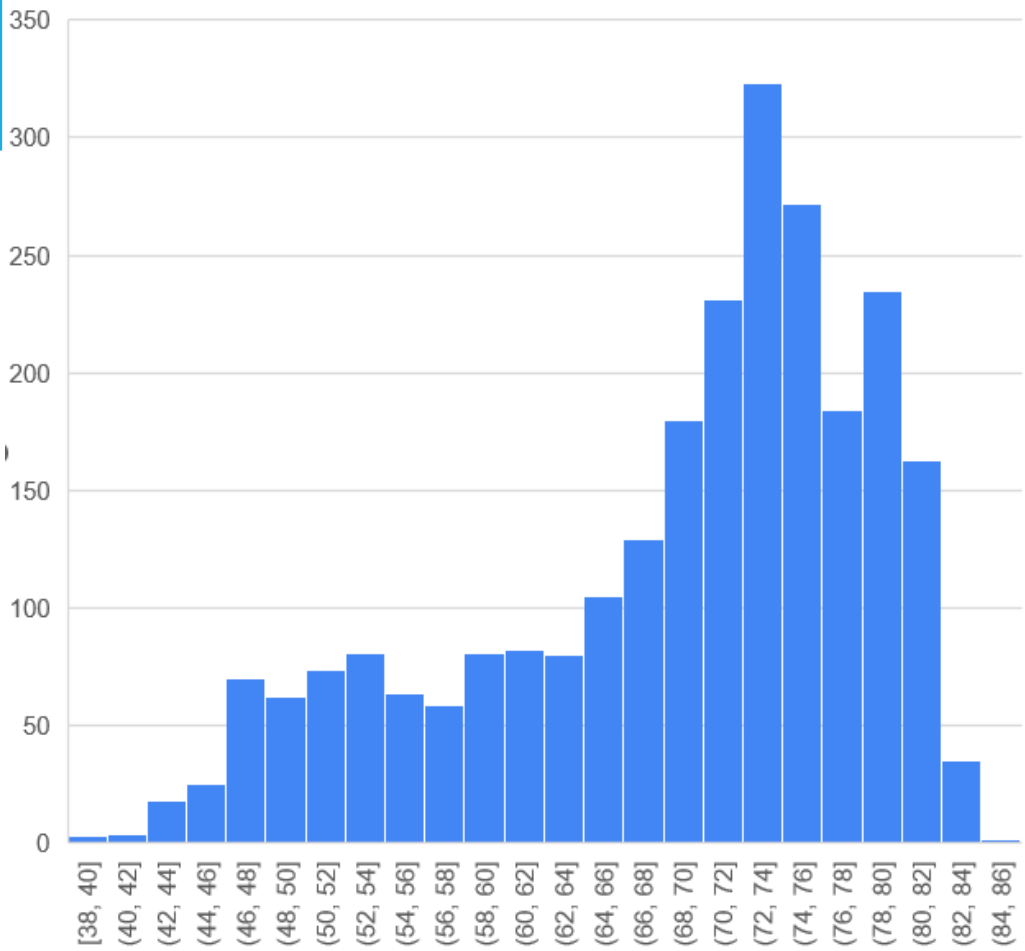
- GDP and some related data for various countries was considered. Also in addition with this, data from the domain of Energy Usage, Human Resources, Tourism and Business was considered.
- It is seen that there is strong correlation between GDP/capita and Average Life expectancy. Which means more the Average Life expectancy, more the GDP. It is seen that the average Life expectancy is around 68 years with majority of countries having average life expectancy of more than 65 years. **Decisions which would lead to increase in Average Life Expectancy should be prioritised.**
- Energy Usage/capita and GDP/capita have a positive correlation. **High Energy usage would result in increase in GDP/capita and sustainable growth** or vice versa.
- There exist a negative correlation between Business Tax and GDP/capita. **Lesser Business Tax would mean more GDP/capita leading to sustainable growth .**
- There exist a positive correlation between Inbound Tourism and GDP/capita, thus **it is concluded that increase in inbound tourism will increase the GDP/capita and sustainable growth**
- At the same time there exists a stronger positive correlation between Outbound Tourism/capita and GDP/capita. Thus, **it can be considered that Outbound affects GDP/capita and sustainable growth greatly, more so than the Inbound Tourism.**

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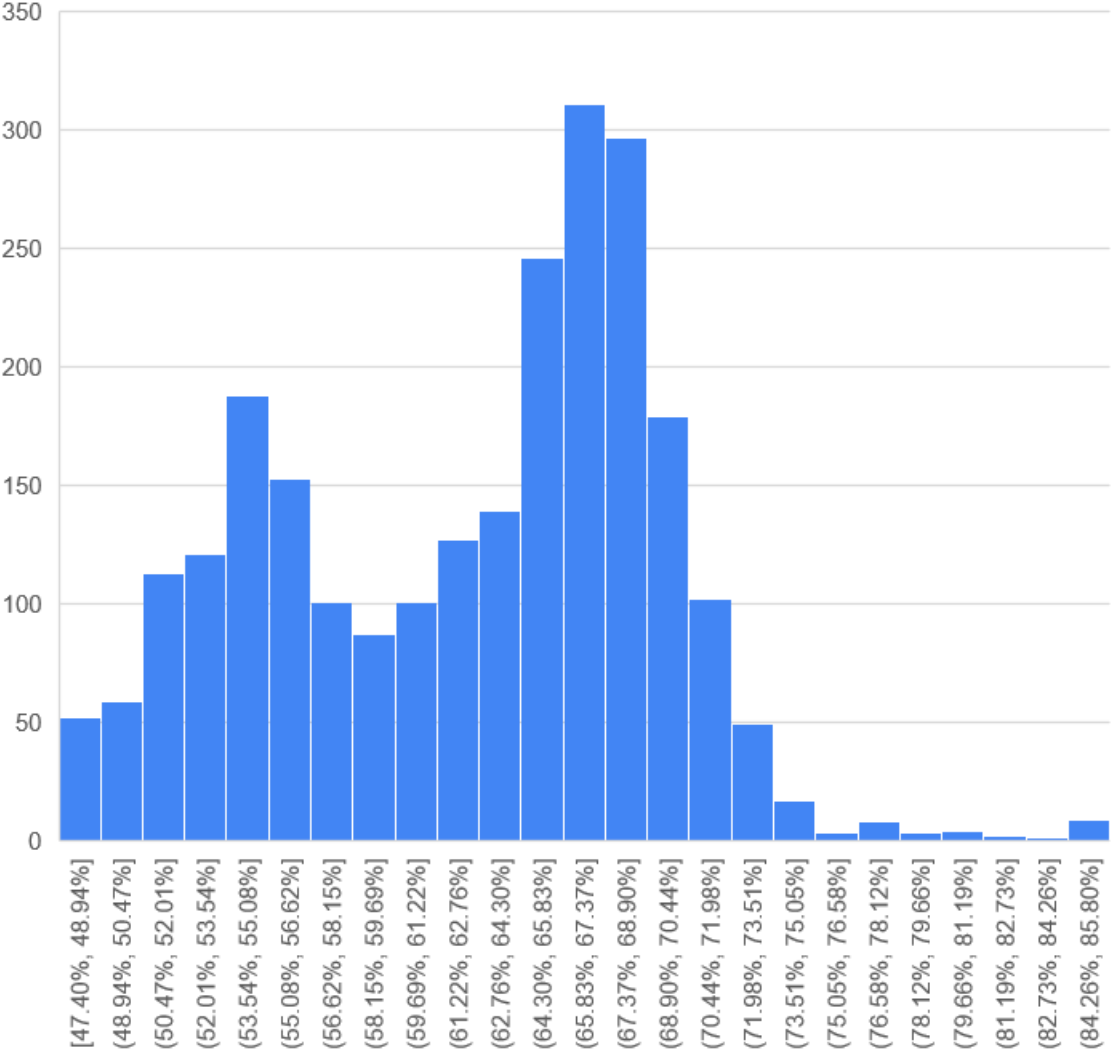
- **Improvement in both Internet facilities and Mobile phone usage as they both strongly correlate to a higher GDP/capita and thus lead to sustainable growth .**
- A strong correlation is also observed between Percent of Urban population and GDP/capita. Also seen is that more than 50% of worlds population lives in the urban landscape. **Increase in investment into development of Urban areas would lead to increase in GDP/capita.**
- It is seen that almost 63% of World Population is of the age group of 15-64 years. **Investment and Opportunities for this age group would lead to an increase the GDP/capita** which is also attested by the positive correlation between GDP/capita and Percent Population of age between 15-64 years.
- It is seen that there is a negative correlation between Lending Rate and GDP/capita, which means that **a decrease in Lending Rate leads to increase in GDP/capita.**

ANNEXURE

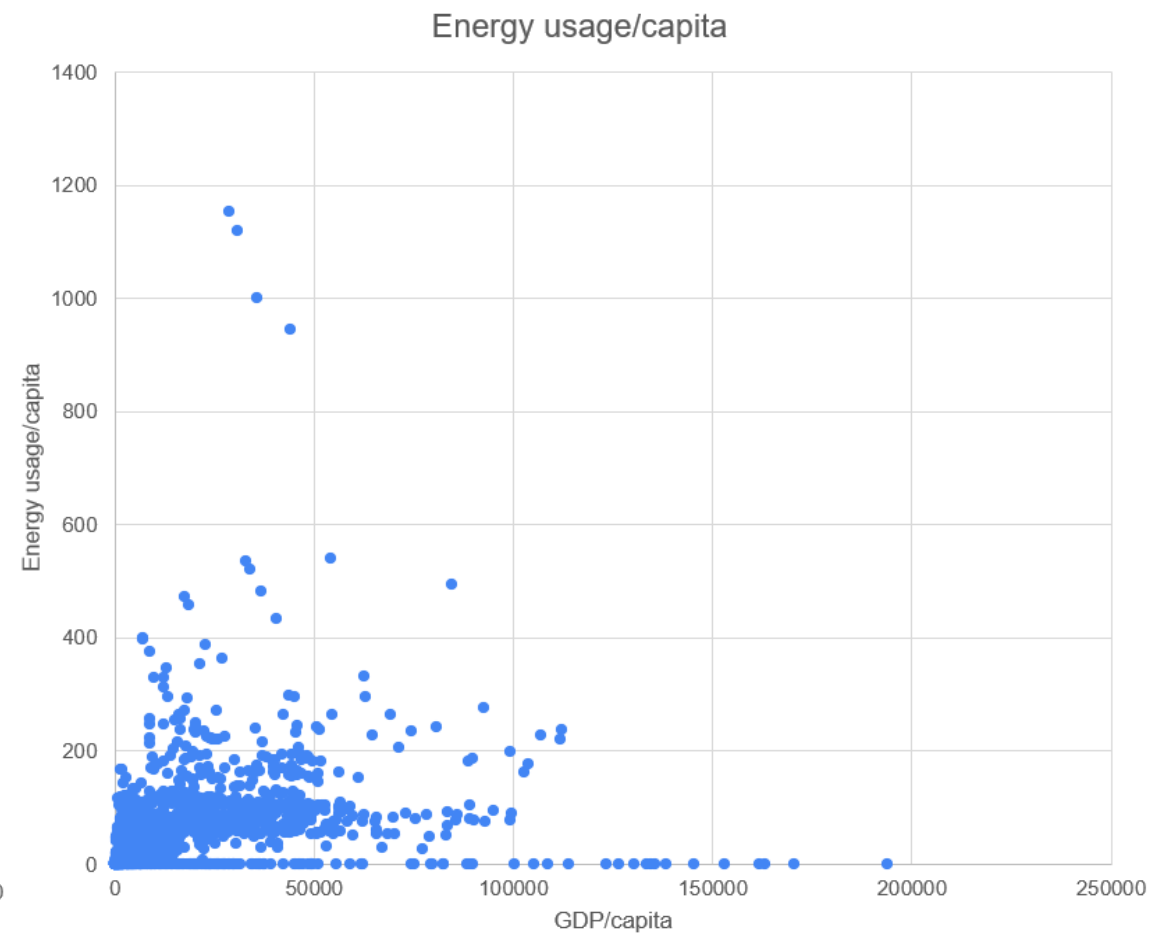
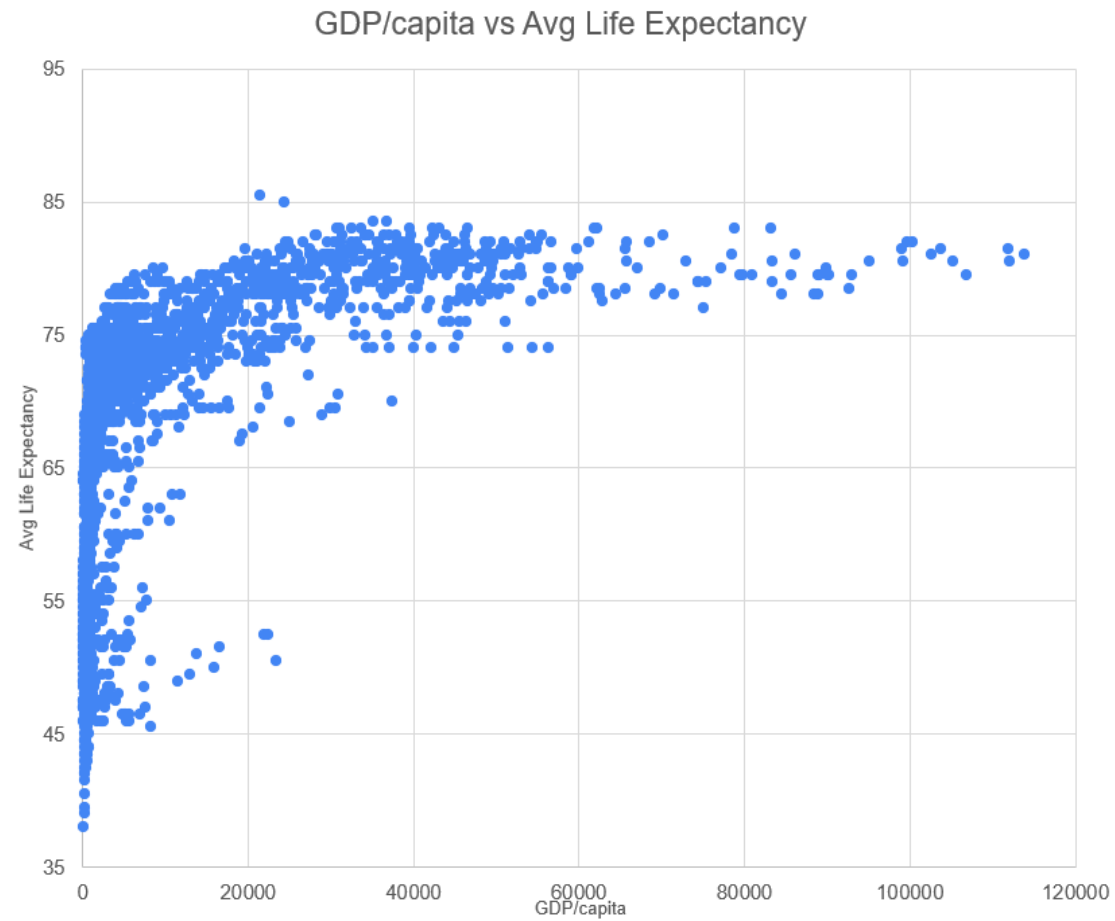
Avg Life expectancy



15-64 Population Distribution

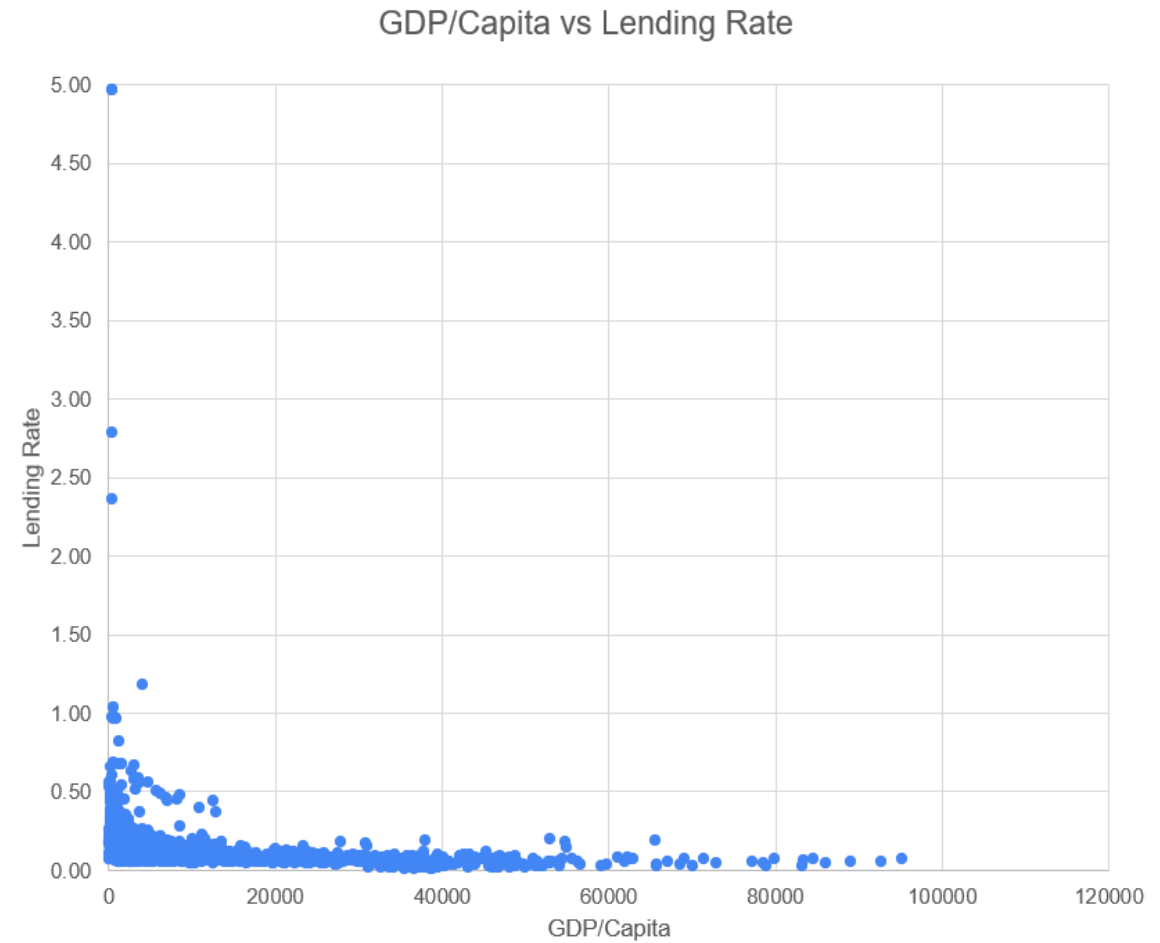
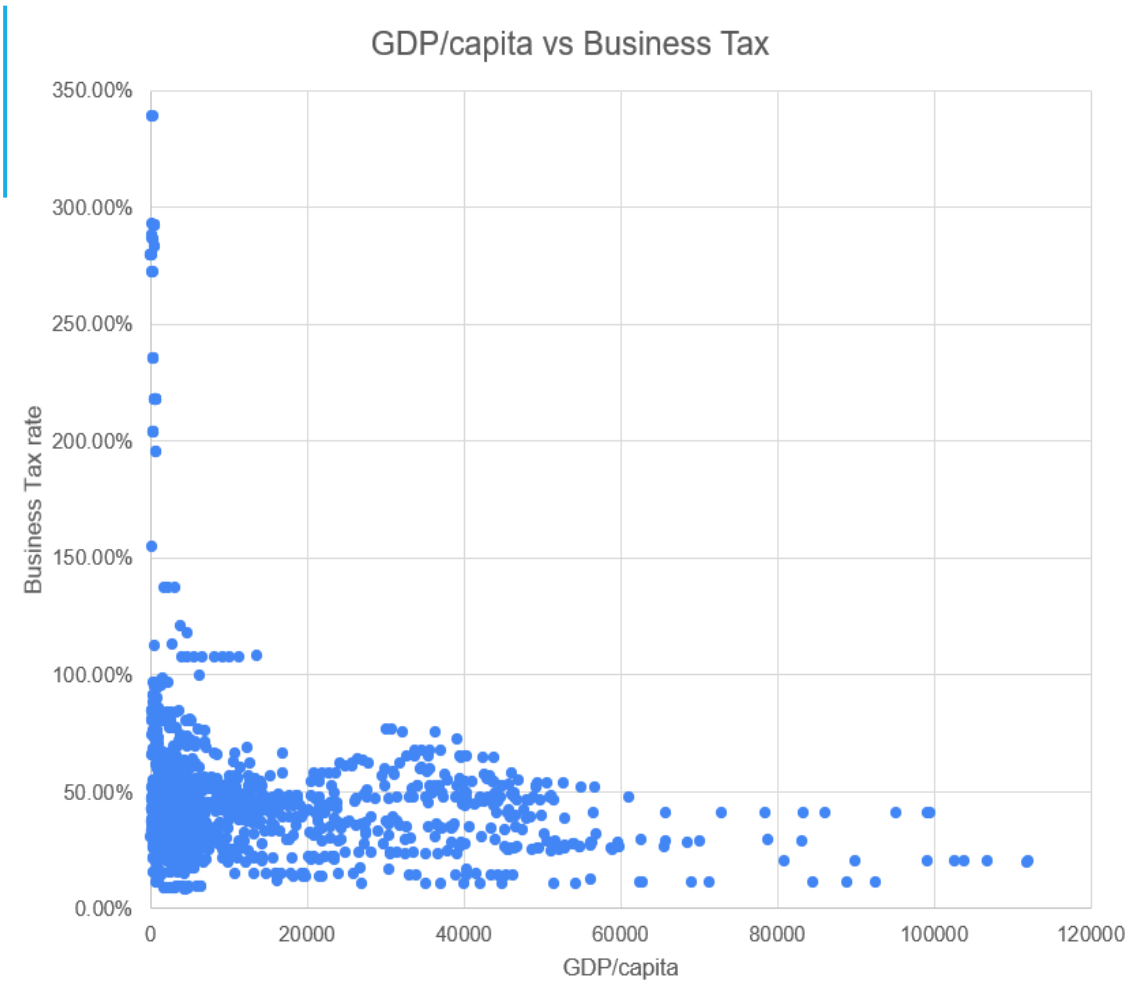


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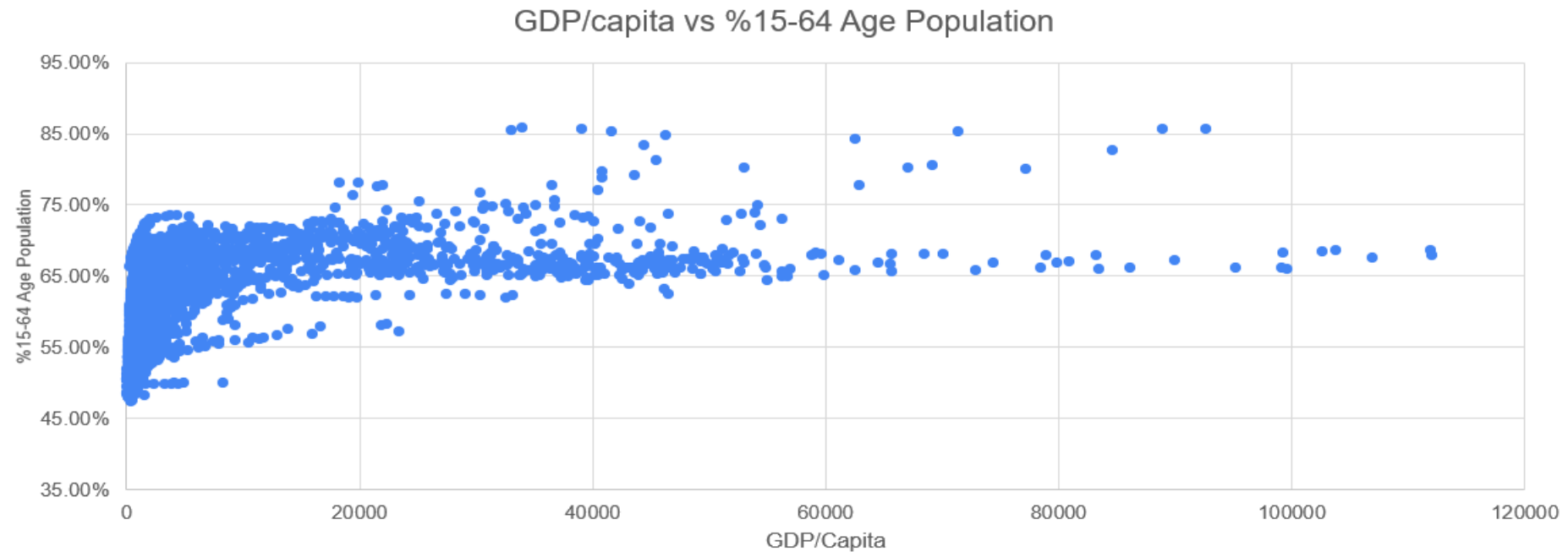
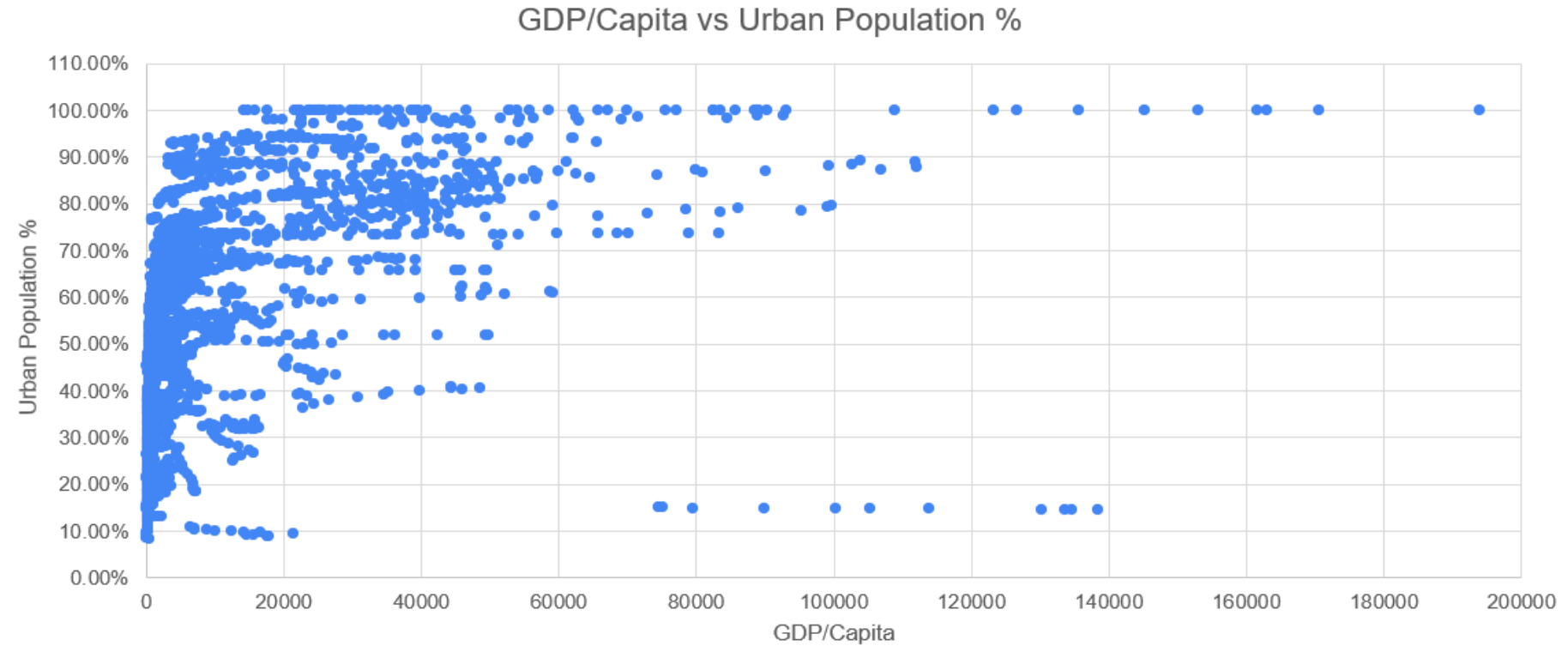
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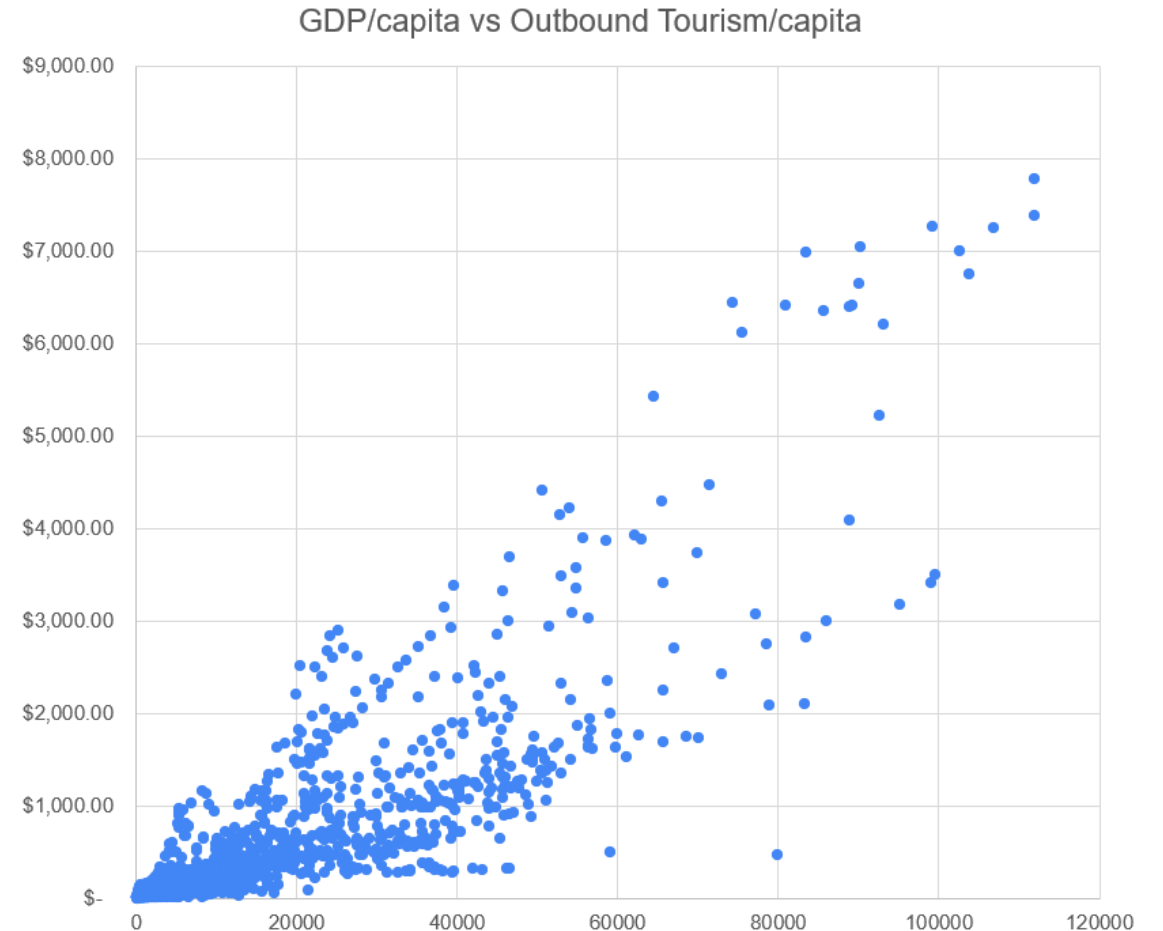
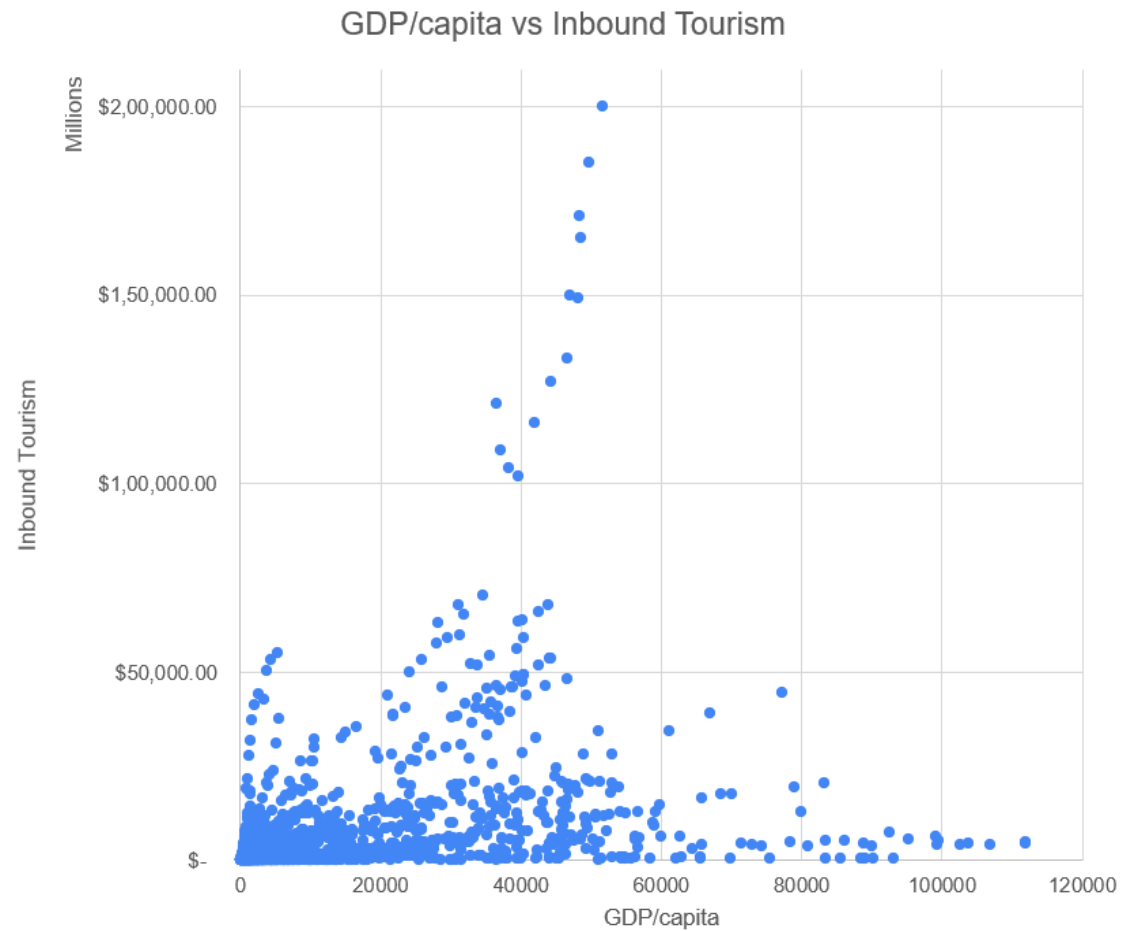
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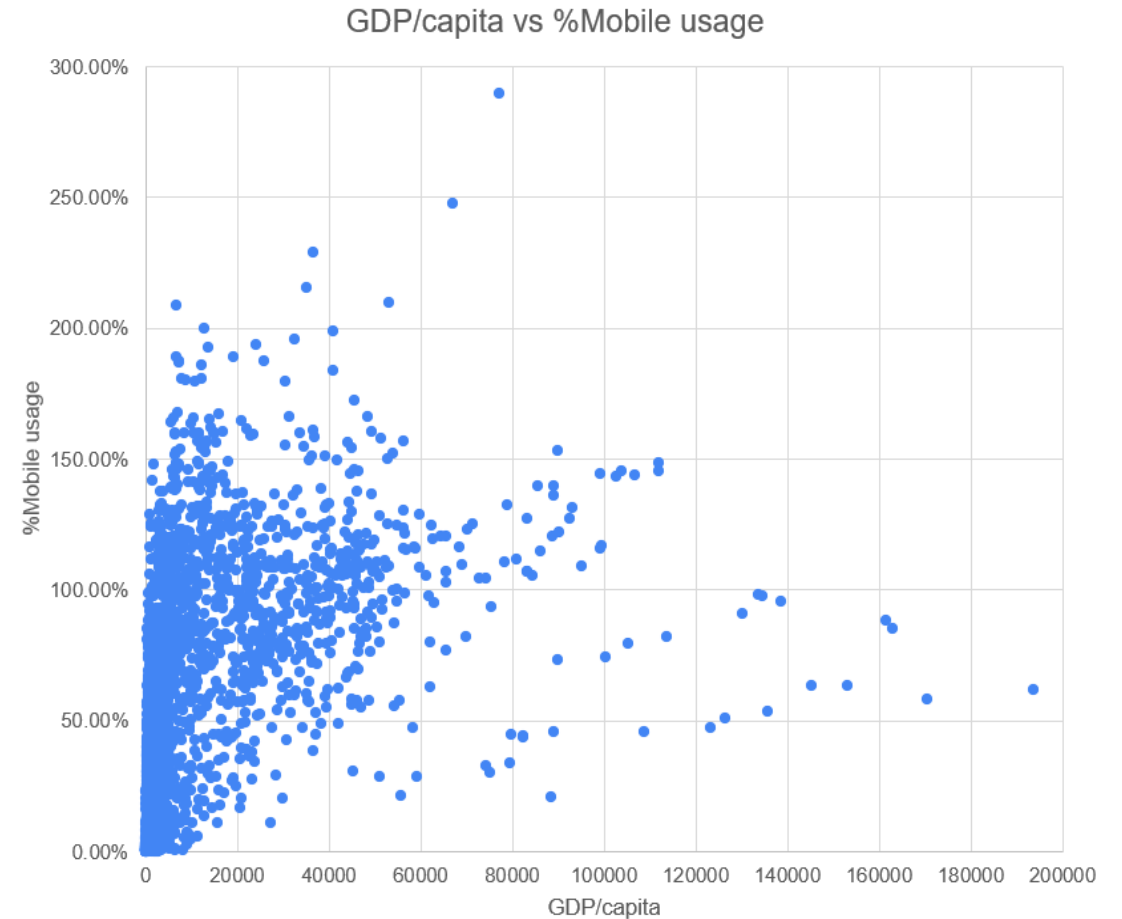
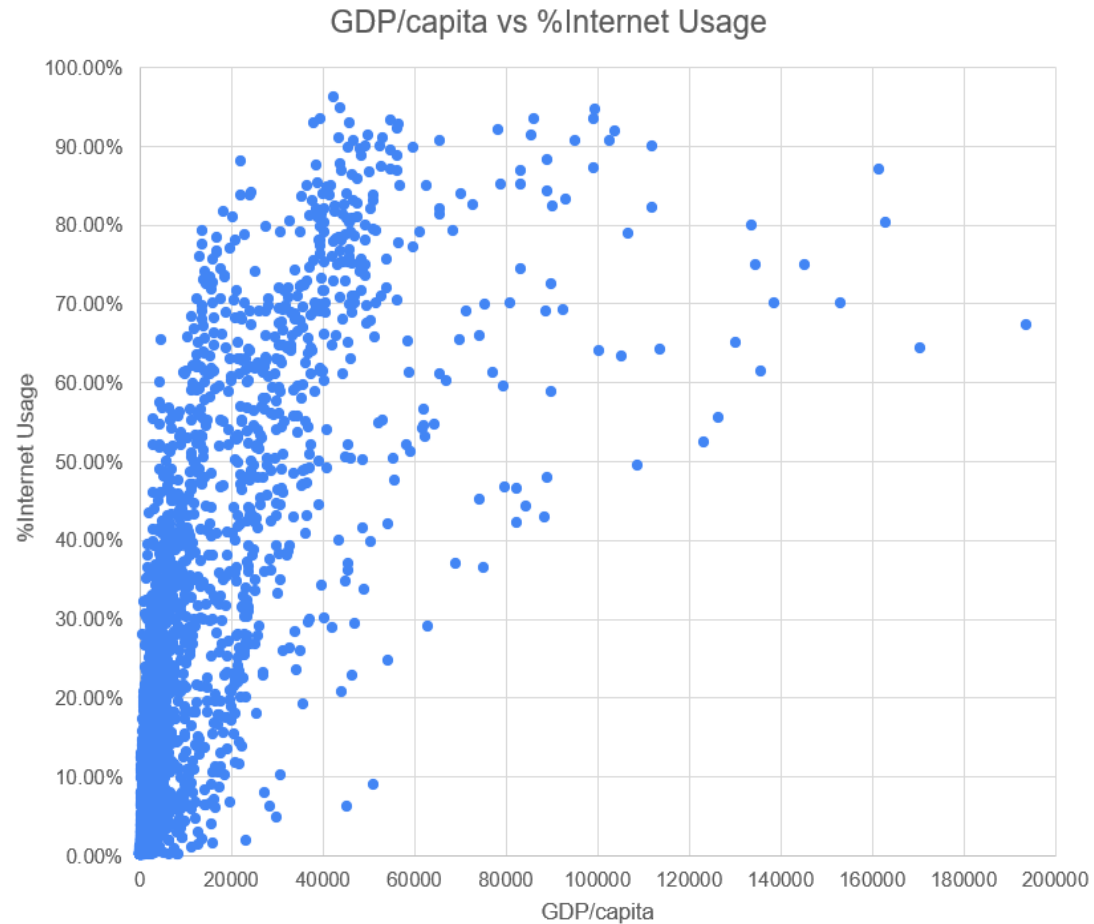


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