

WORLD ECONOMIC INDICATOR



**HOW A COUNTRY CAN ATTAIN
SUSTAINABLE GROWTH?**

BUSINESS PROBLEM



With the information provided in the "World Economic Indicator Dataset", With the help of Data Analysis methods, we need to determine which of the factors the country should focus on to improve GDP/Capita.

SOLUTION

- **We have performed Data Analysis on several factors which have effect on GDP/Capita of the nation.**
- **We have imputed the missing values and merged all the sheets into a single sheet by using VLOOKUP.**

How a country can attain sustainable growth ?

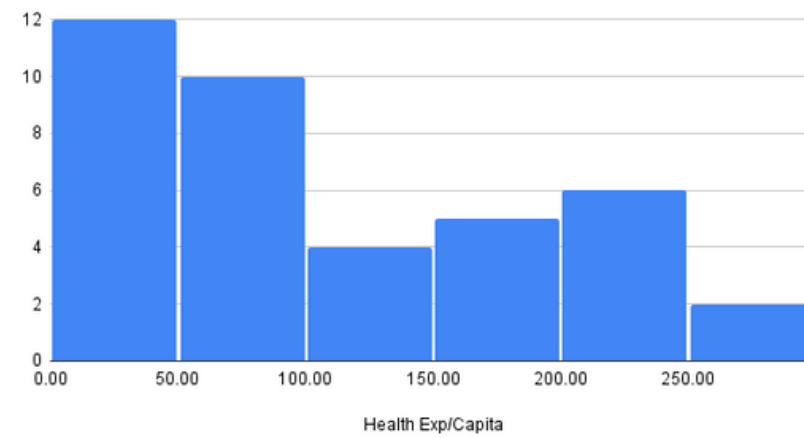
- **The analysis was based on the last 12 years data for the countries effect was studied on the GDP/capita of the nation.**
- **There is a negative correlation between lending interest and GDP/capita. A country with less lending interest has a higher GDP/capita.**
- **A strong positive correlation is found between Energy Usage and CO2 Emissions/Capita and a Nation's GDP. As production increases, so does energy consumption, which increases CO2 emissions.**

How a country can attain sustainable growth ?

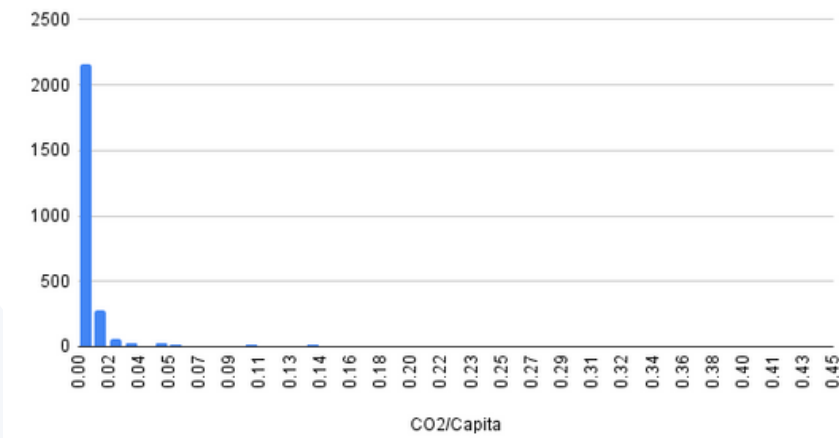
- **It is important for countries to focus on their tourism sectors. The number of tourists inbound per capita is strongly correlated with the GDP of a nation.**
- **Ease of Business is associated with higher GDP/Capita in countries with more ease of doing business.**
- **A country's GDP has an extremely positive correlation with its Internet and mobile phone usage. By digitizing a country's economy, it can improve the literacy rate of the citizens as well as have a direct impact on GDP/Capita.**

To study the nature of the datasets, a univariate analysis was performed

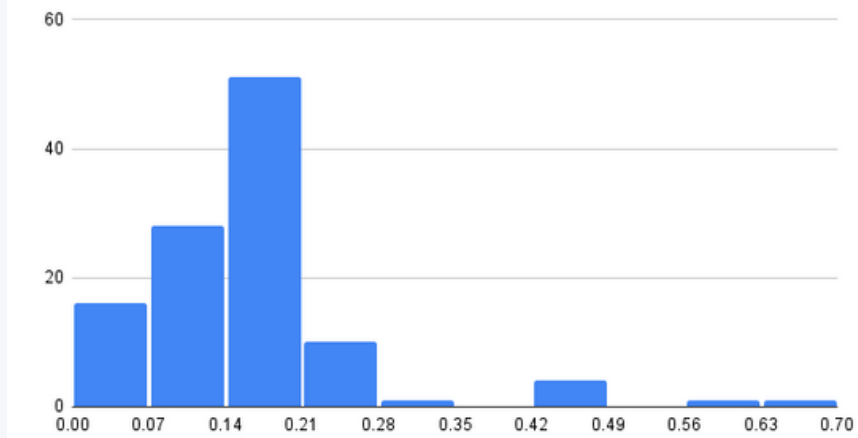
Histogram of Health Exp/Capita



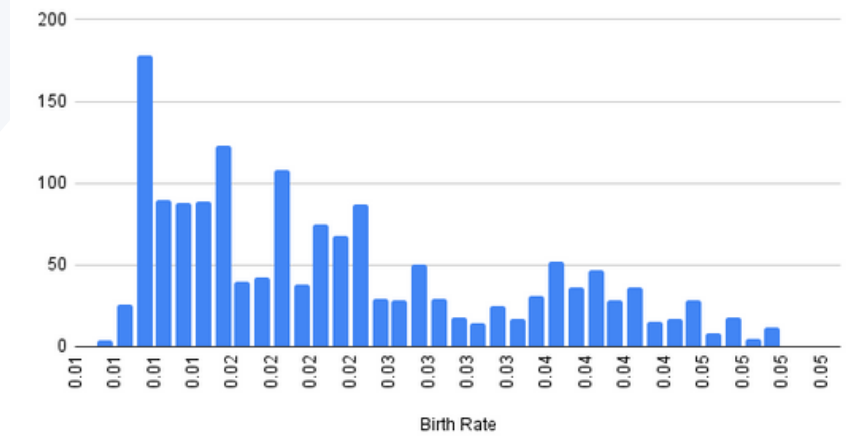
Histogram of CO2/Capita



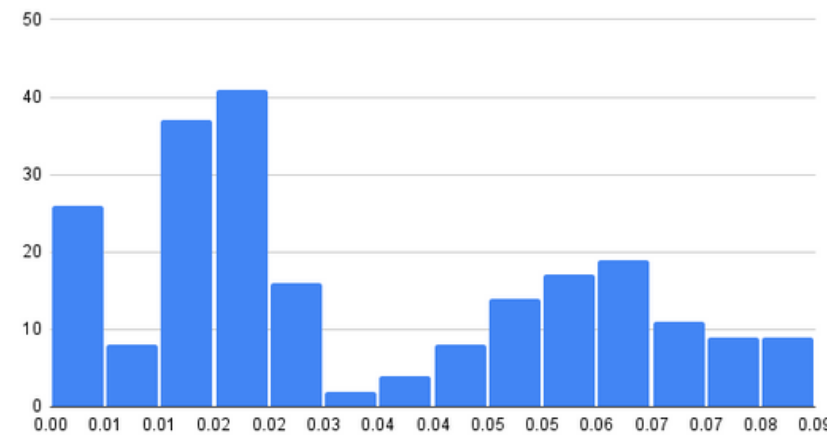
Histogram - Lending Interest



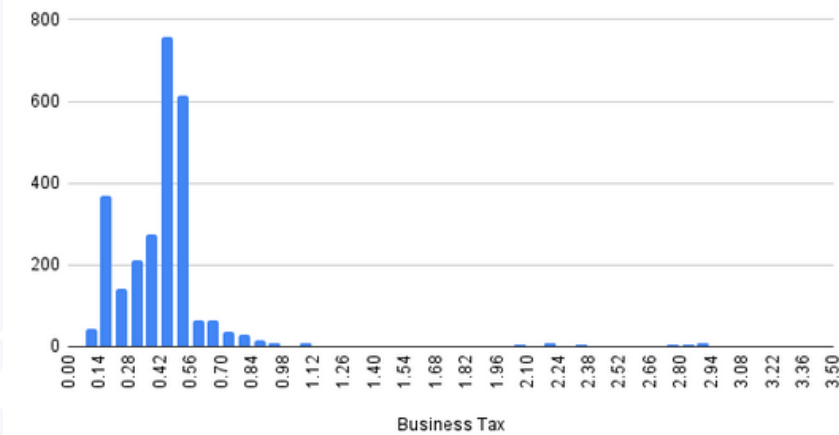
Histogram of Birth Rate



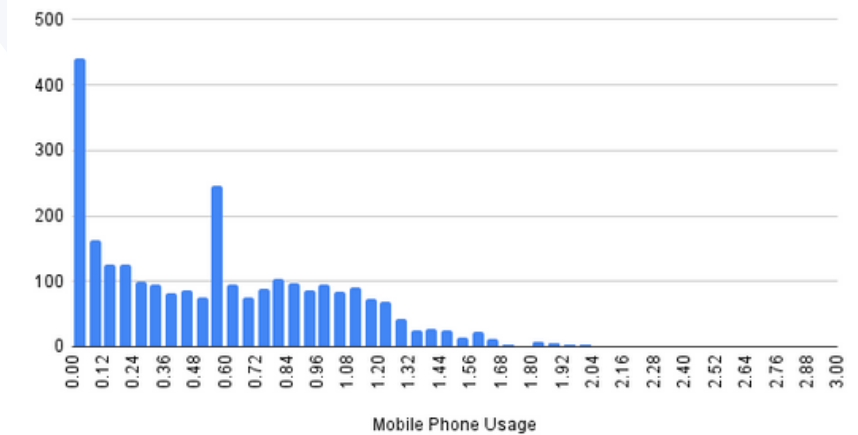
Histogram-Infant Mortality Rate



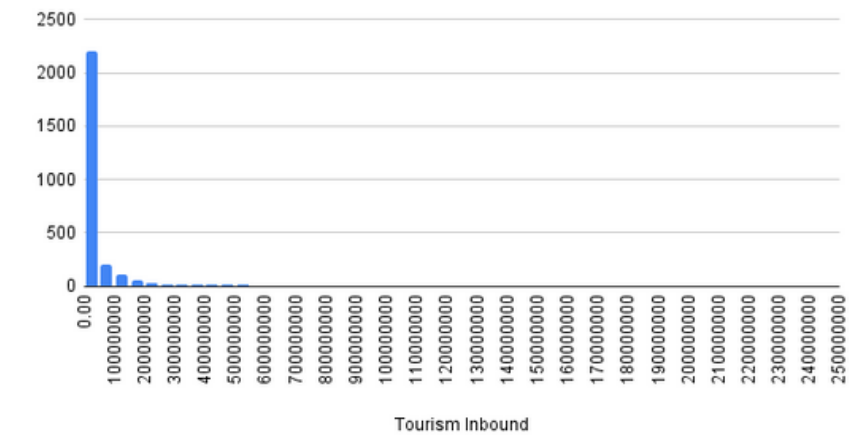
Histogram of Business Tax



Histogram of Mobile Phone Usage

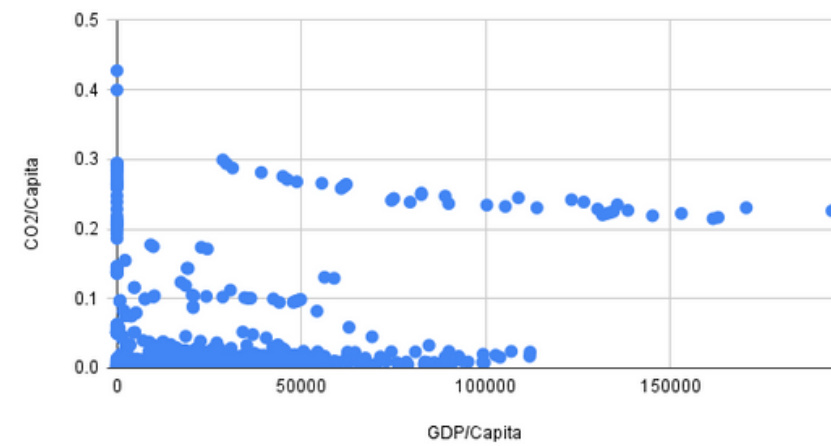


Histogram of Tourism Inbound

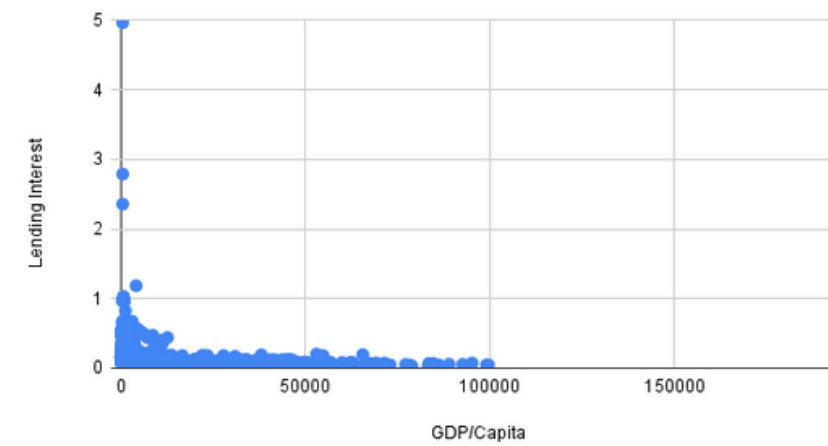


The factors that affect GDP/Capita

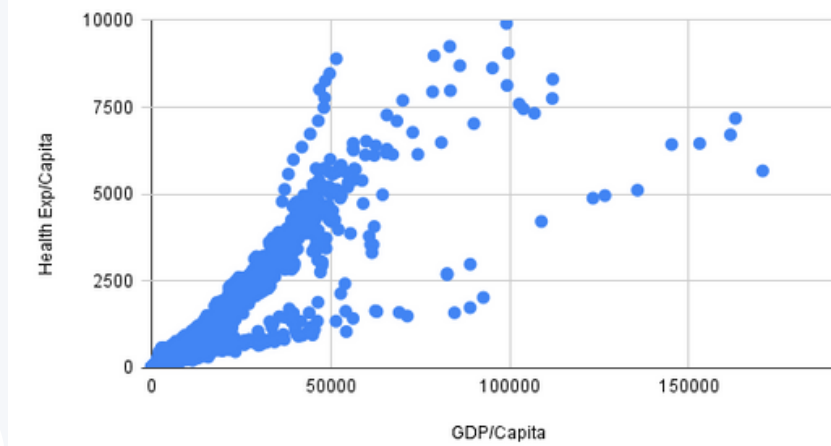
CO2/Capita vs. GDP/Capita



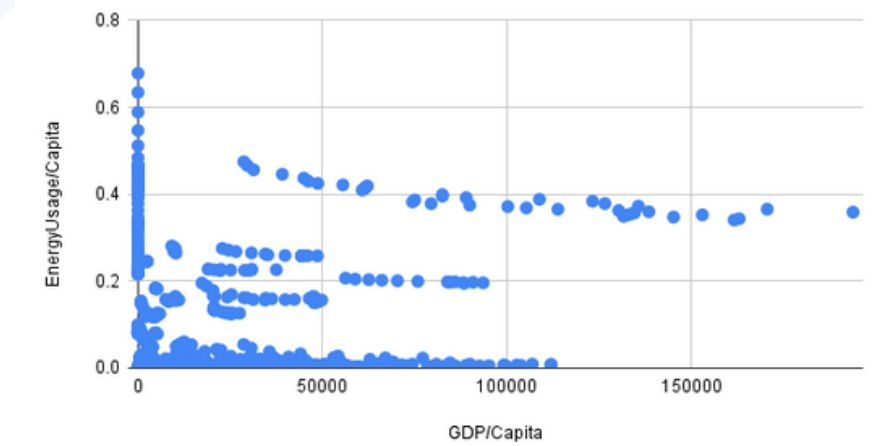
Lending Interest vs. GDP/Capita



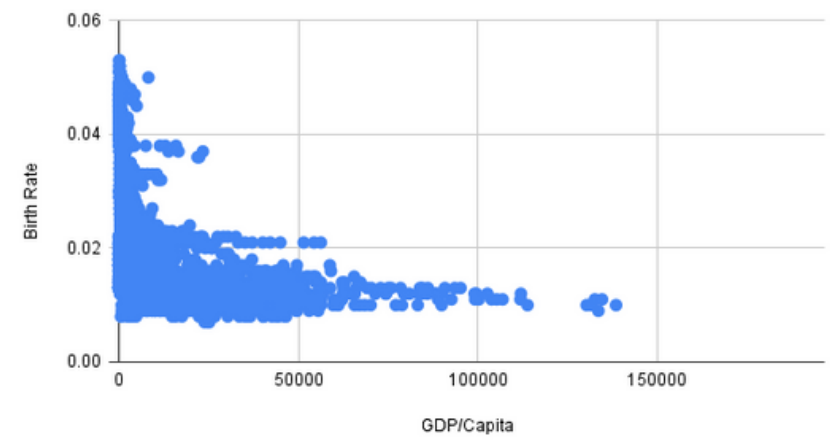
Health Exp/Capita vs. GDP/Capita



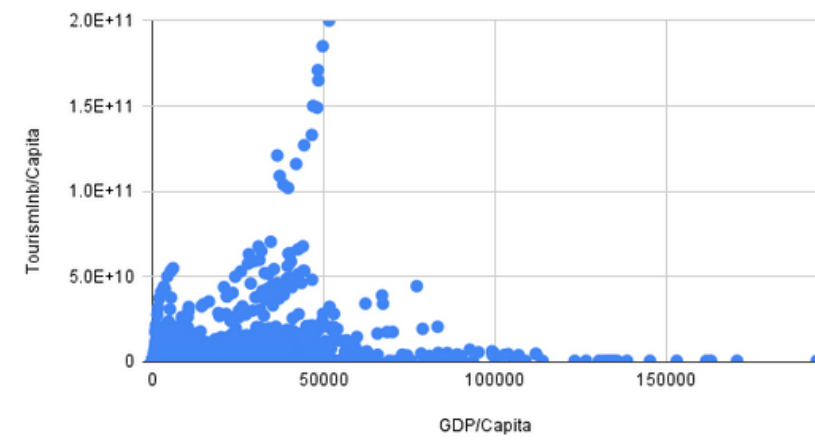
EnergyUsage/Capita vs. GDP/Capita



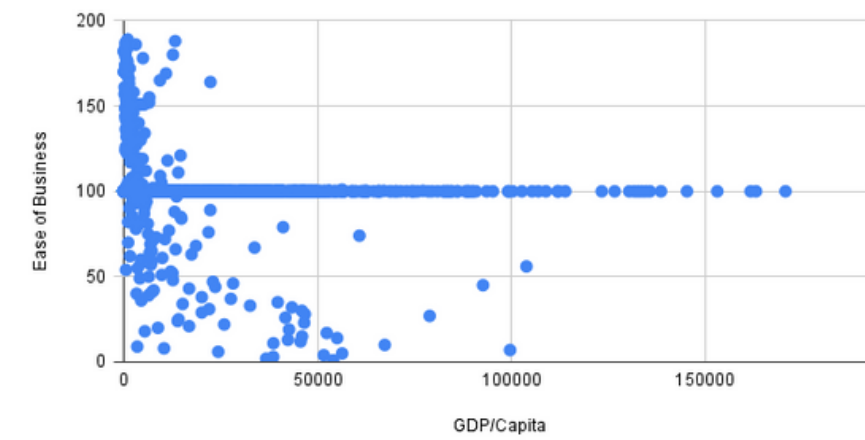
Birth Rate vs. GDP/Capita



TourismInb/Capita vs. GDP/Capita



Ease of Business vs. GDP/Capita



Mobile Phone Usage vs. GDP/Capita

