

# WORLD ECONOMIC INDICATOR

## HOW A COUNTRY ACHIEVE SUSTAINABLE GROWTH

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### BUSINESS PROBLEM

OUR AGENDA IS TO FIND OUT HOW TO OR WHERE SHOULD FOCUS TO SUSTAIN GDP/CAPITA.

WE HAVE RECEIVED DATA SET FROM DATA TEAM OF “WORLD ECONOMIC INDICATOR”

### SOLUTION

- We have done analysis on several factor which impact GDP per/capita of countries.
- We have received very large volume data of GDP of various countries and year data also. So, we have use concat function to segregate all countries with their respective years.
- We have not filled any missing value because GDP is a critical value and change by so many factors.
- We have outliers as well but we do not consider those values.

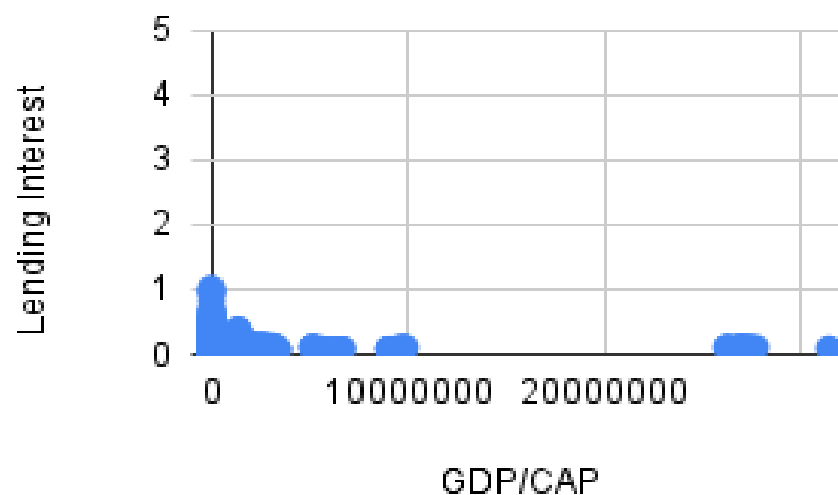
# **EXECUTIVE SUMMARY**

- 12 years of data has been considered to evaluate their effect on GDP per capita
- If we discuss on GDP per capita and energy per capita we observed that they both has slightly positive correlation. When GDP/capita increase so energy capita also increases it is very low correlation but we should focus on more how to increase energy/capita
- In GDP capita and co2 capita we have found that they have slightly negative correlation which mean GDP per capita increase then co2 capita decreases it is good for country if co2 produces less but correlation is slightly negative we should improve or minimize CO2 combustion.
- By looking at GDP tourism outbound capita we have observed a weak positive correlation between GDP per capita and GDP tourism capita which defines GDP capita increases then GDP tourism capita also increases. Right now, it is slightly positive we should take come actions to improve tourism outbound capita
- We can see weak negative correlation between GDP/Capita and Health Exp % GDP. And Infant mortality rate and birth rate both having weak negative correlation. We should focus on these aspects as well
- Internet usage and mobile usage impact on GDP/capita is having slightly negative correlation which mean less usage of internet and mobile more the GDP/Capita of countries grow
- For Lending Interest, the correlation with GDP/capita is weak negative that means higher the lending interest lower the GDP/capita so we should focus on decreasing lending interest rates

- Business tax rate has negative correlation with GDP/CAPITA if tax is increasing then GDP/capita decrease we should focus how we can reduce business taxes and improve GDP/capita.

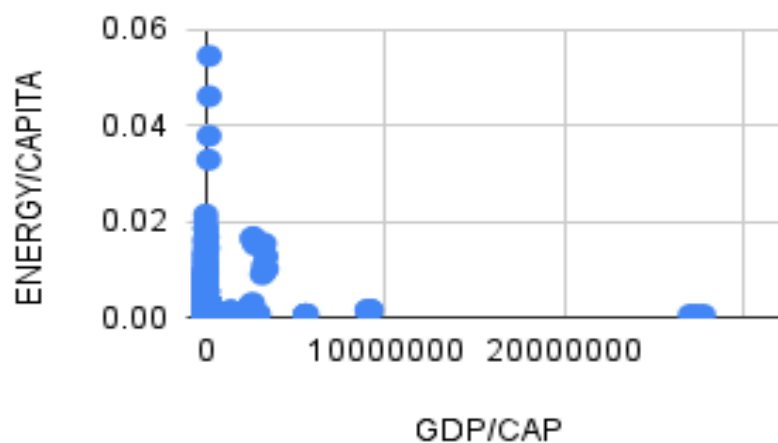
## LENDING INTERSET VS GDP/CAPITA

Lending Interest vs GDP/CAP



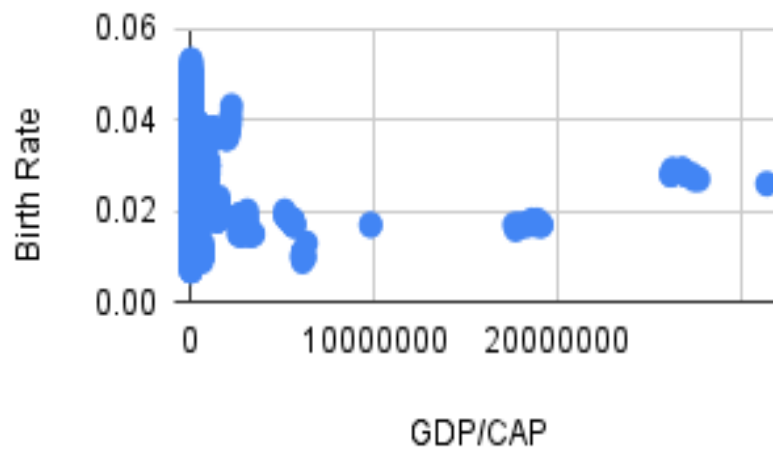
## ENERGY/CAPITA VS GDP/CAPITA

ENERGY/CAPITA vs



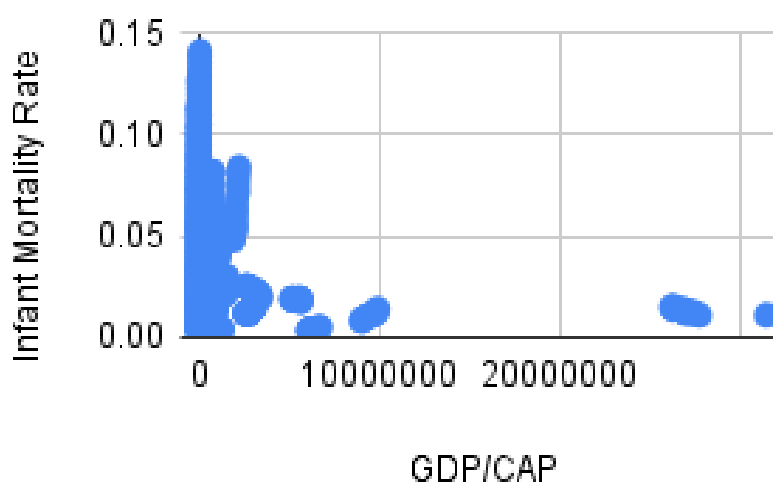
## **BIRTHRATE VS GDP/CAPITA**

Histogram of Birth Rate



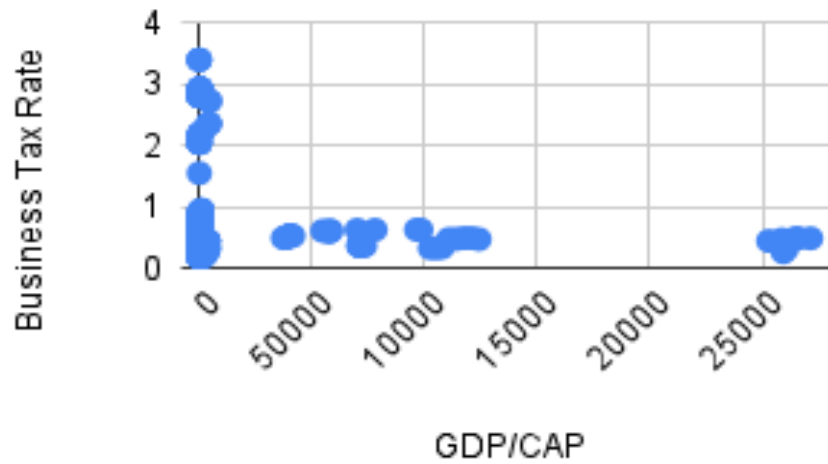
## **INFANT MORTALITY RATE VS GDP/CAPITA**

Infant Mortality Rate vs



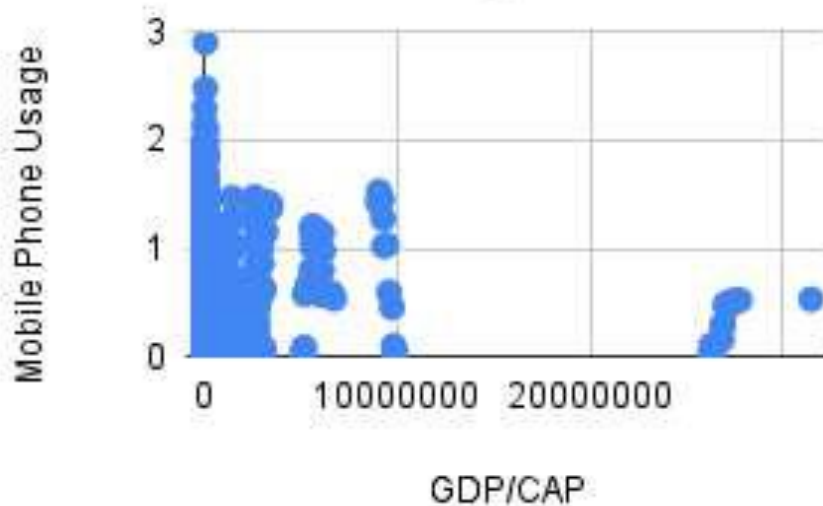
## BUSINESS TAX RATE VS GDP/CAPITA

Business Tax Rate vs GDP/CAP

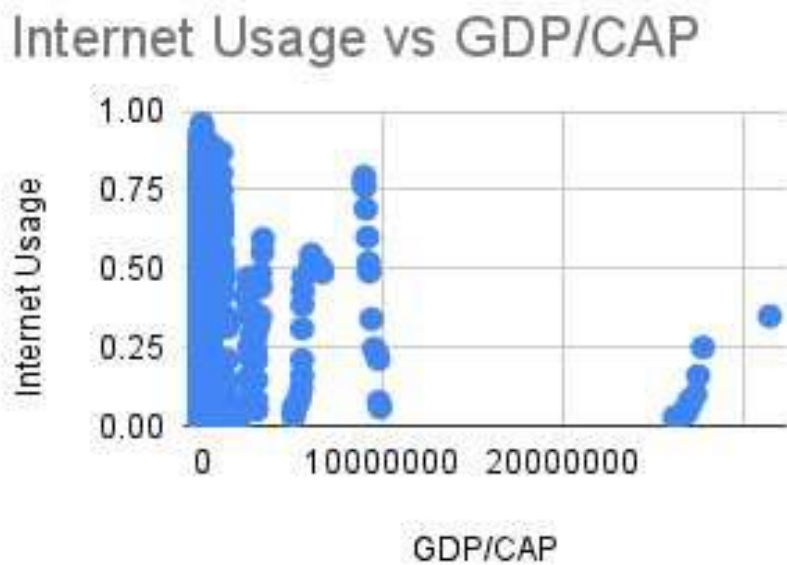


## MOBILE PHONE USAGE VS GDP/CAPITA

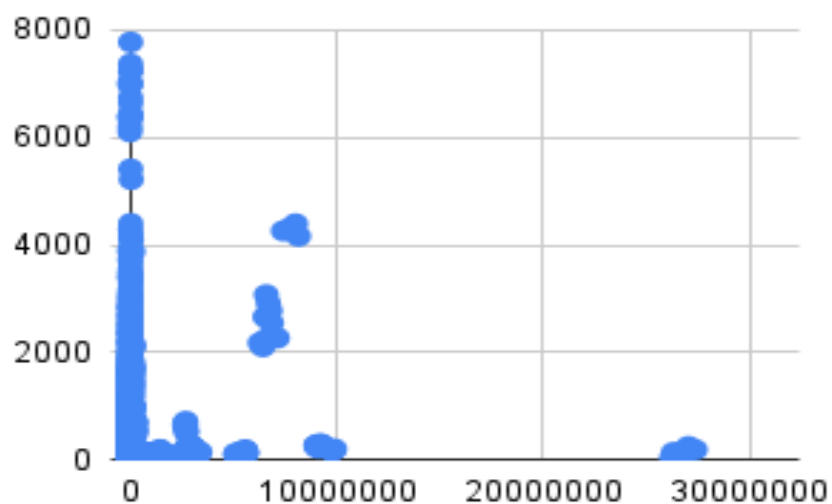
Mobile Phone Usage vs



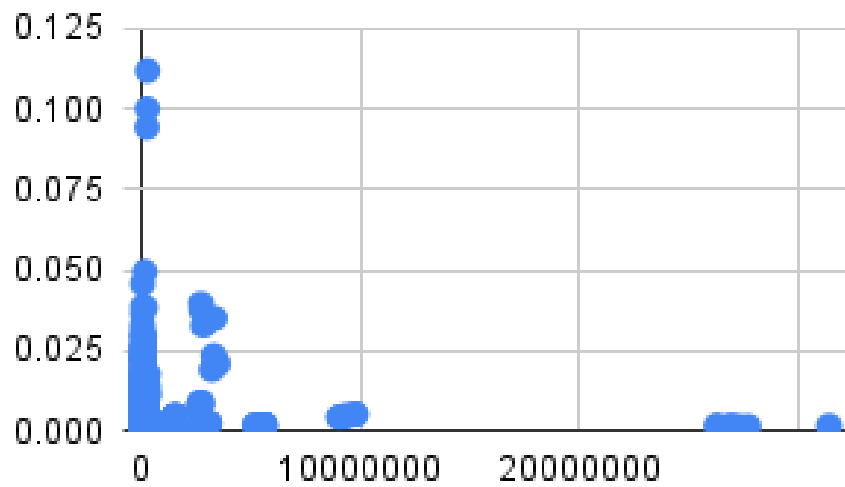
## INTERNET USAGE VS GDP/CAPITA



## TOURISM OUTBOUND VS GDP/CAPITA



## C02 VS GDP/CAPITA



## HEALTH EXP GDP VS GDP/CAPITA

