



World Economic Indicator DATASET ANALYSIS

HOW A COUNTRY CAN ATTAIN SUSTAINABLE GROWTH



BUSINESS PROBLEM

Using the given World Economic Indicator Dataset, we have to perform data analysis to find meaningful insights on which of the factors country should focus on to sustain GDP/Capita.

EXECUTIVE SUMMARY

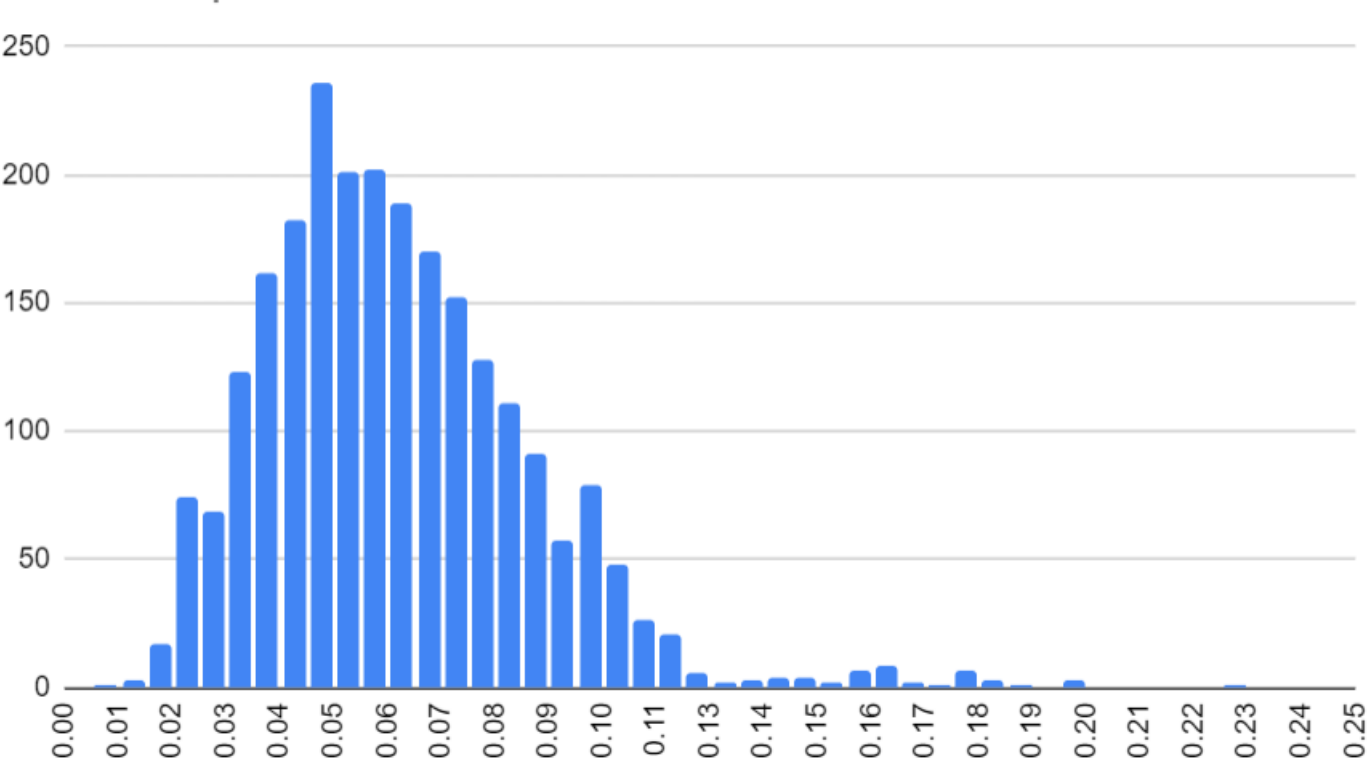
- 1.THERE IS STRONG CORRELATION BETWEEN GDP, CO2 EMISSIONS AND ENERGY USAGE. WHICH IS INDICATING THAT GROWTH IS DEPENDENT MAINLY ON NON-RENEWABLE RESOURCES LIKE COAL, OIL, ETC. FOR SUSTAINABLE GROWTH. USE OF RENEWABLE RESOURCES LIKE SOLAR ENERGY, WIND ENERGY, ETC TO BE INCREASED.**
- 2.BY UNIVARIATE ANALYSIS, IT IS FOUND THAT MAJOR EMISSIONS ARE FROM DEVELOPED COUNTRIES. IT ALSO HAMPERING THE DEVELOPMENT OF MOST OF DEVELOPING COUNTRIES.**
- 3.THERE IS MODERATE CORRELATION BETWEEN GDP AND HEALTH EXPENDITURE. IT CAN BE CONCLUDED BY THIS IS MORE EXPENDITURE ON HEALTH CAN LEAD TO HEALTHY AND ACTIVE HUMAN RESOURCES WHICH LED TO SUSTAINABLE GROWTH.**
- 4.COUNTRY SHOULD FOCUS ON TOURISM SECTOR OF THE NATION AS IT IS FOUNDTHAT TOURISM IS A GREAT SOURCE OF ENHANCING GDP OF THE NATION.TOURISM INBOUND/CAPITA HAS A STRONG POSITIVE CORRELATION WITH THE GDP OF THE NATION.**

EXECUTIVE SUMMARY

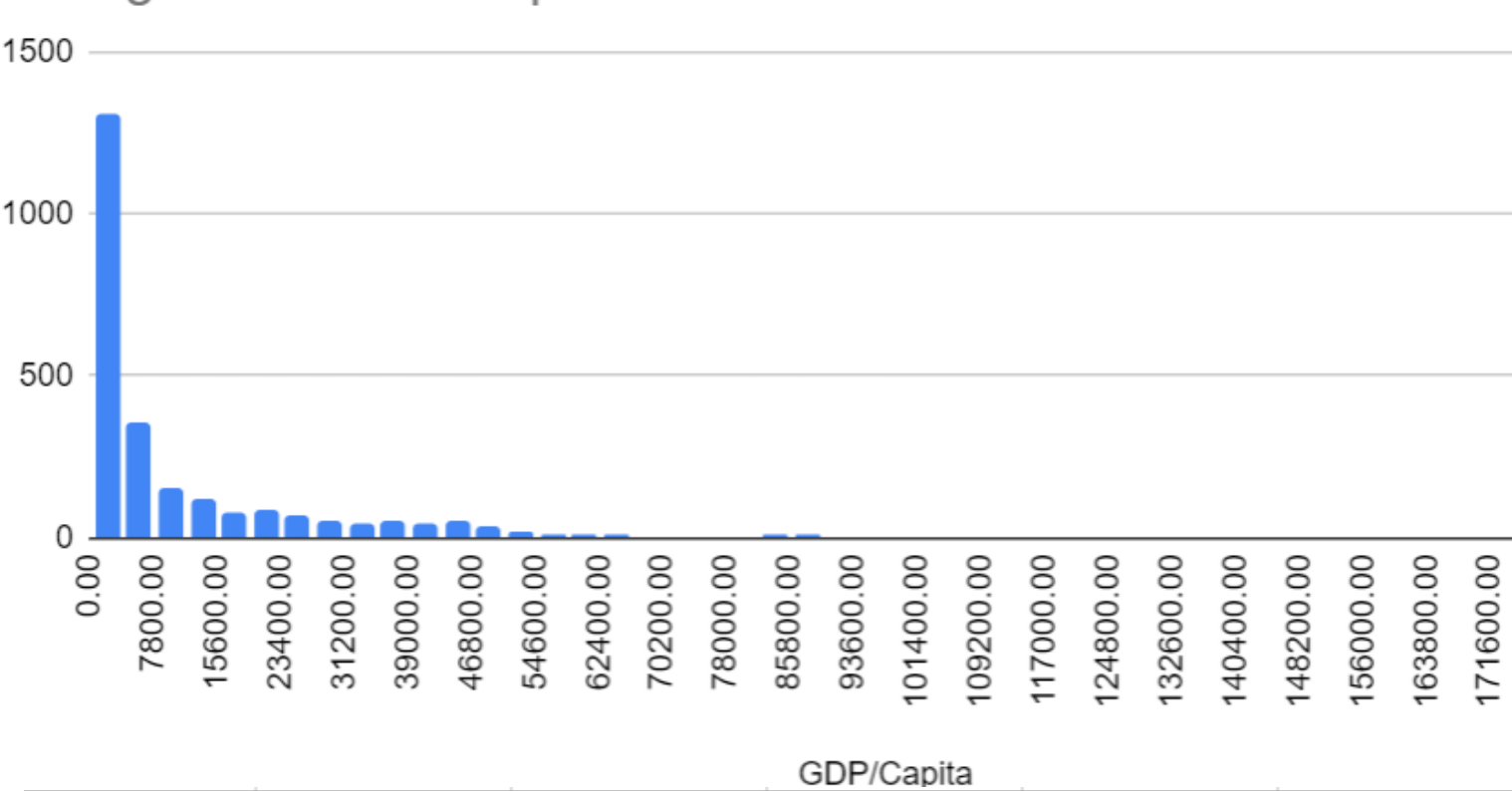
- 5.URBANIZATION CAN ALSO BE CONSIDERED AS A FACTOR FOR ENHANCING GDP OF THE NATION.COUNTRIES HAVING MORE POPULATION IN THE URBAN AREAS HAVE BETTER GDP/CAPITA COMPARED TO OTHERS.**
- 6.THE TAXATION RULES ON THECITIZENS ALSO AFFECTS THEGDP/CAPITA OF THE NATION.LENDING INTEREST RATE, HOURS TO DO TAX AND BUSINESS TAX RATE SHOWS NEGATIVE CORRELATION WITH THE GDP OF THE NATION. LESSER THE VALUE,BETTER THE GDP/CAPITA OF THE NATION.**
- 7.COUNTRY SHOULD FOCUS ON EASING RULES & REGULATIONS FOR THE PEOPLE NEWLY STARTING THE BUSINESS,AS IT WAS FOUND THATCOUNTRIES HAVING MORE EASE OF BUSINESS & LESS STARTING DAYS REQUIREMENT HAVE BETTER GDP/CAPITA COMPARED TO OTHERS.**
- 8.DIGITIZATION OF COUNTRY RESOURCES/ECONOMY CAN BE FACTOR TO IMPROVE THE LITERACY AMONG THE CITIZENS&ENRICHINGTHEGDP/CAPITA OF THE NATION AS IT WAS FOUND THAT INTERNET USAGE AND MOBILE PHONE USAGE HAVE EXTREMELY POSITIVE CORRELATION WITH THE GDP OF THE NATION.**

UNIVARIATE ANALYSIS(To Check Outliers)

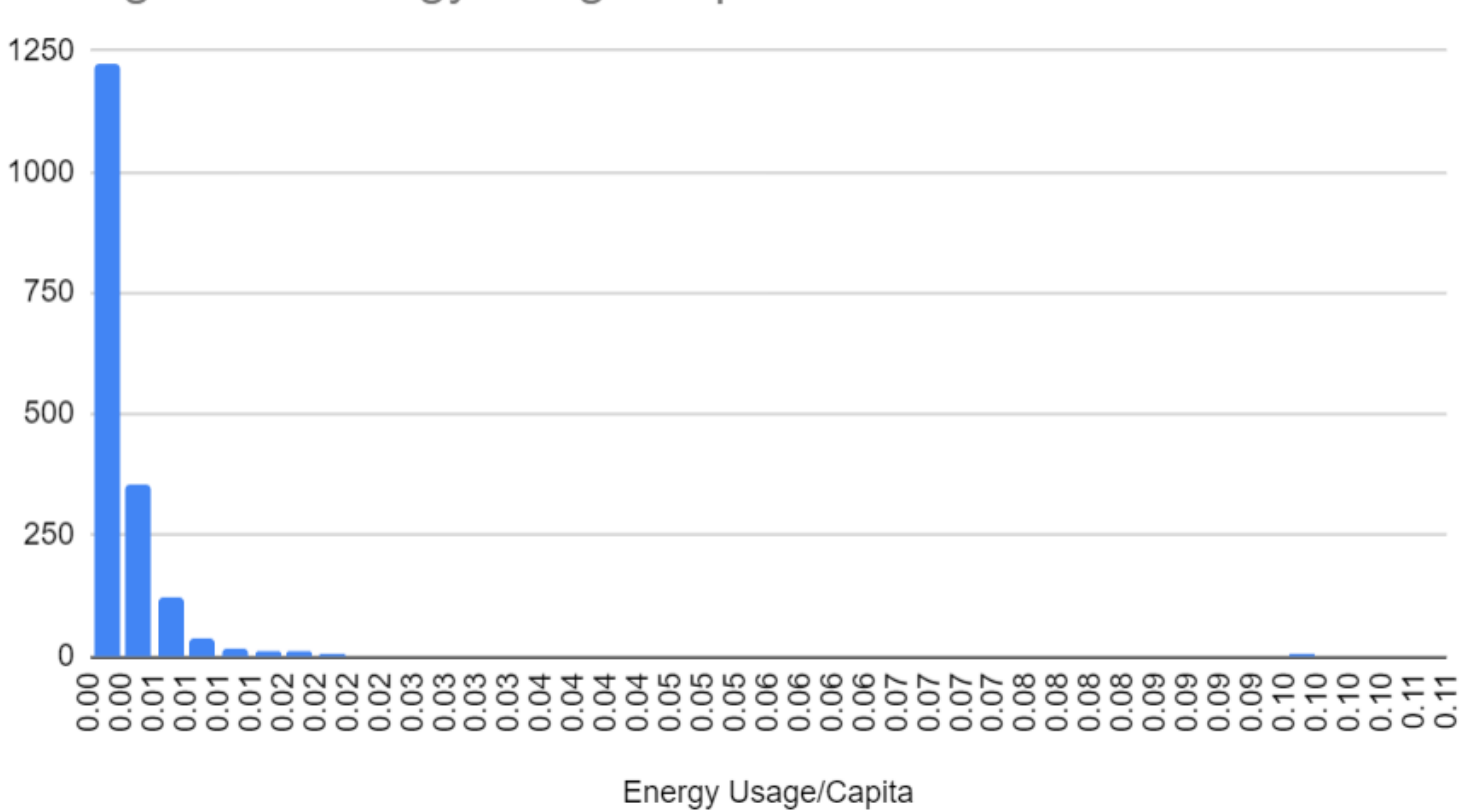
Health Exp % GDP



Histogram of GDP/Capita



Histogram of Energy Usage/Capita

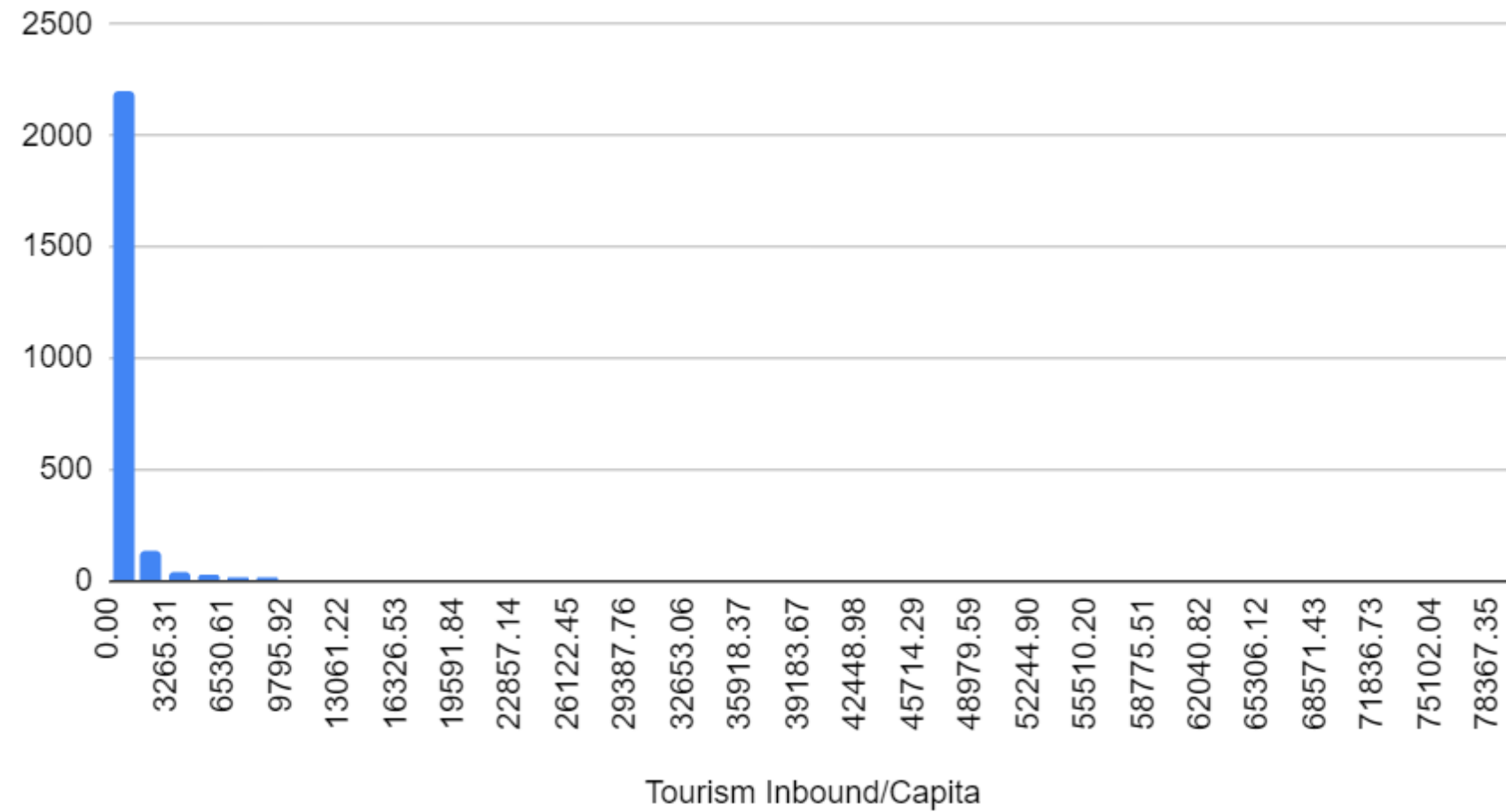


CO2 Emissions/Capita

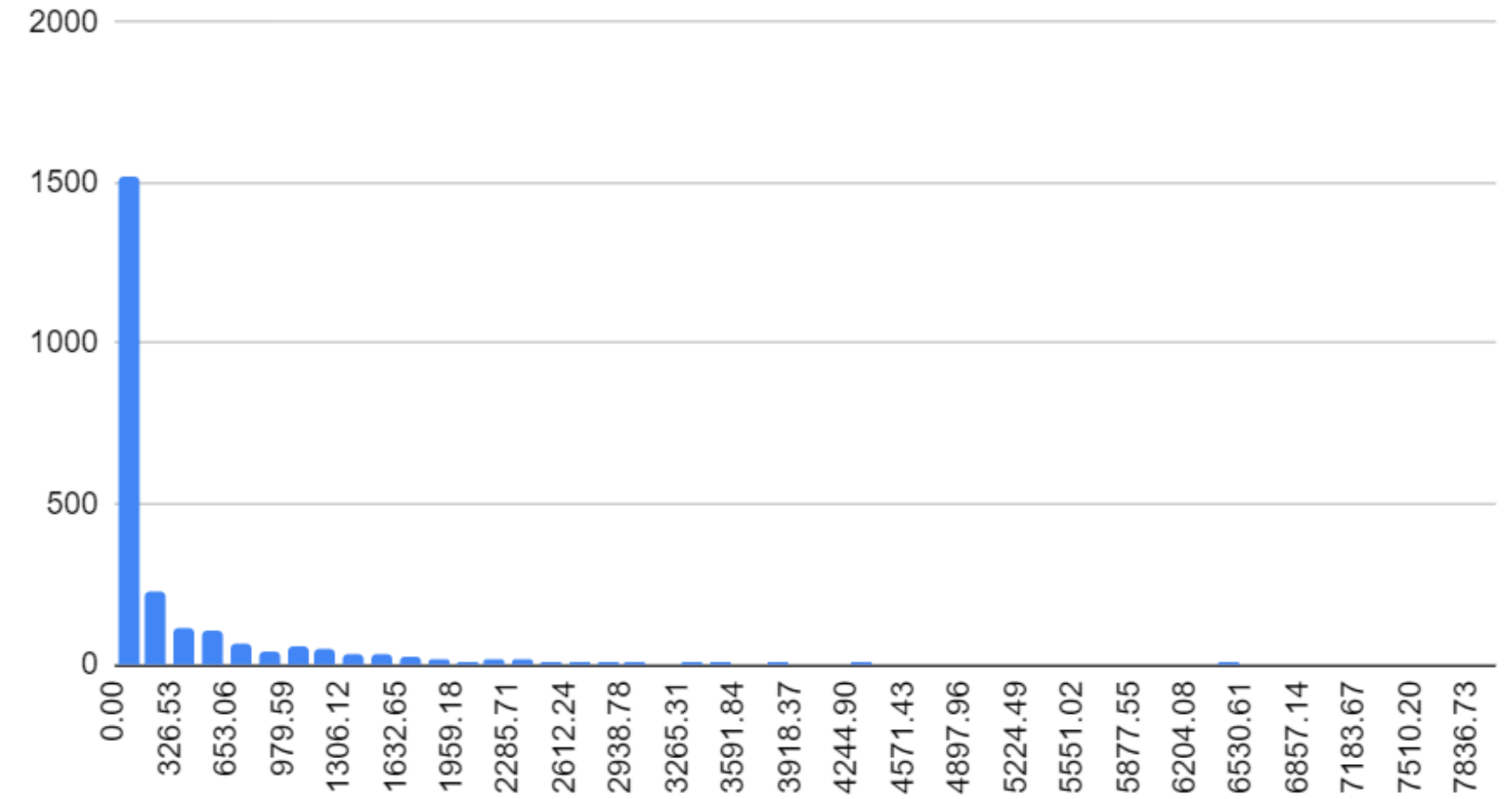


UNIVARIATE ANALYSIS(To Check Outliers)

Histogram of Tourism Inbound/Capita

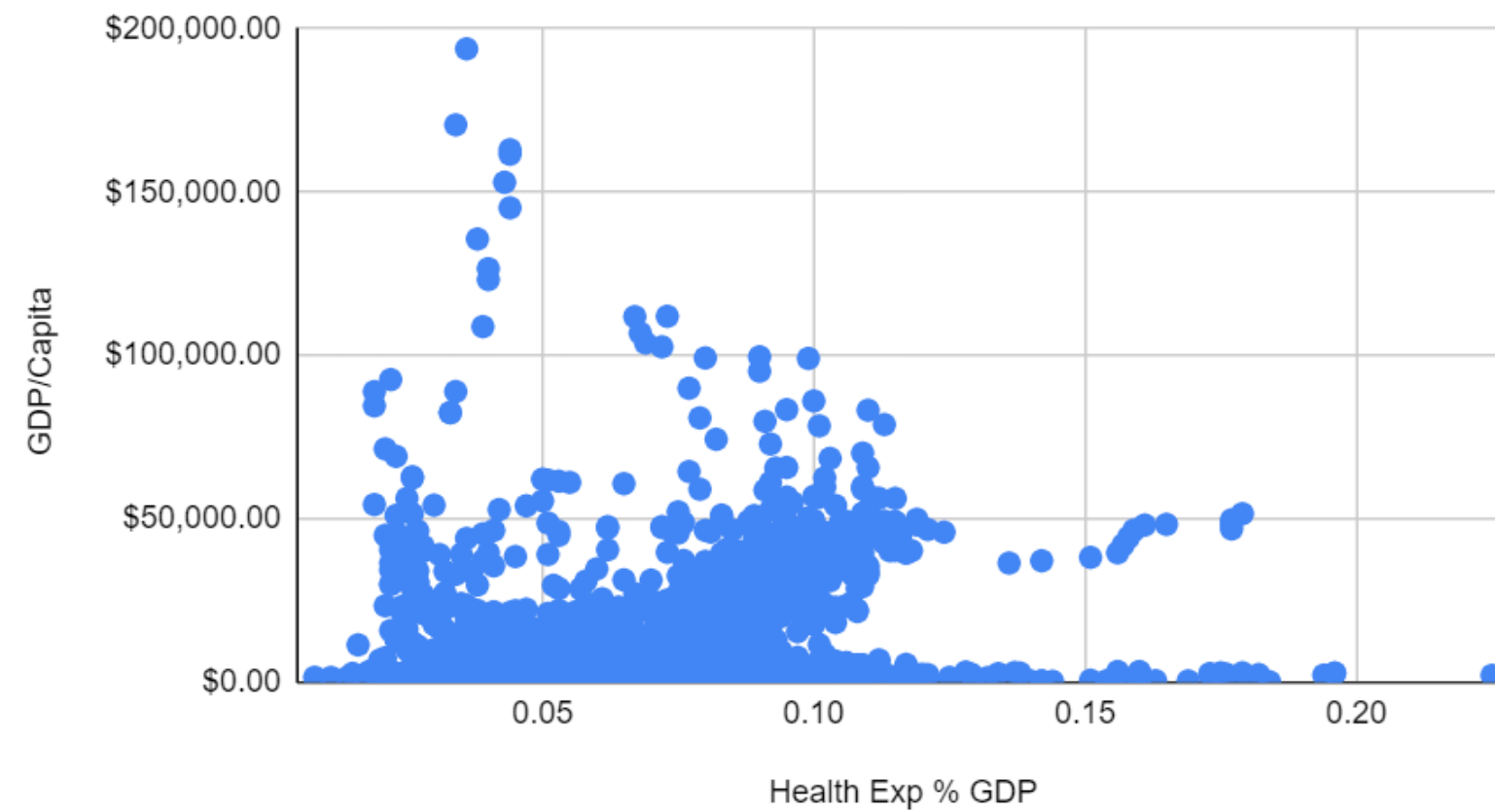


Tourism Outbound/Capita

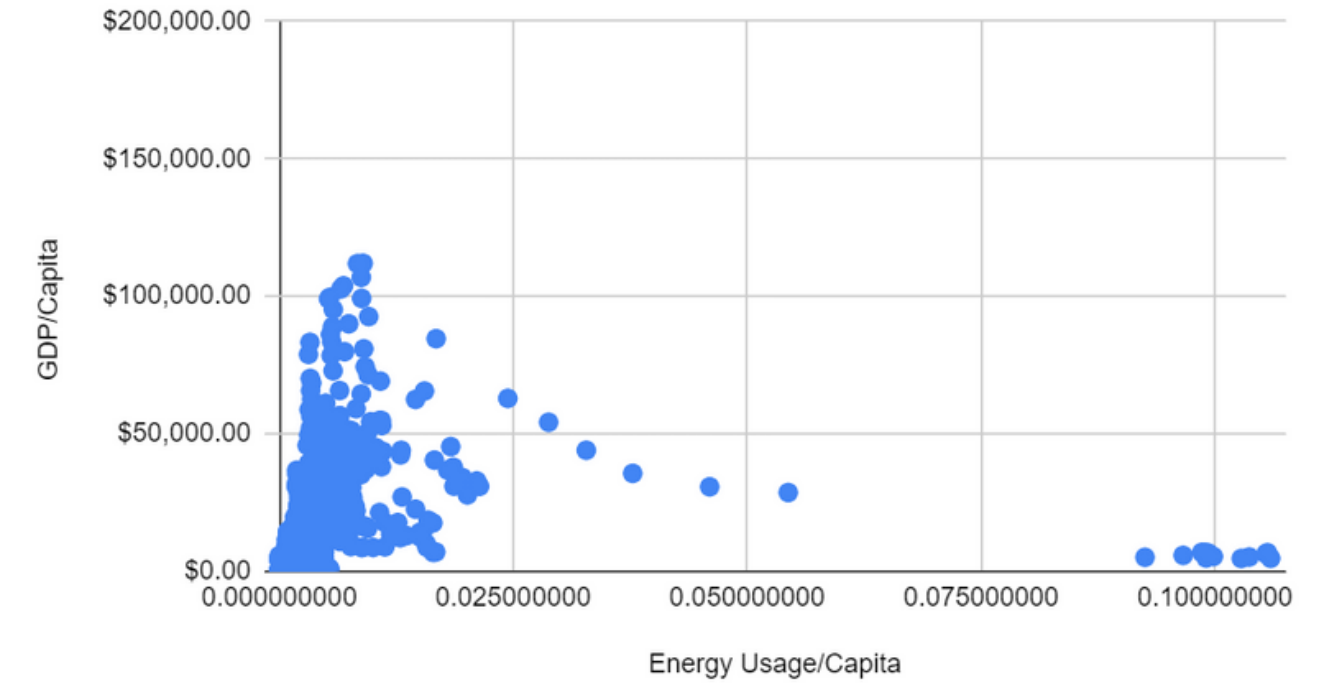


BIVARIATE ANALYSIS

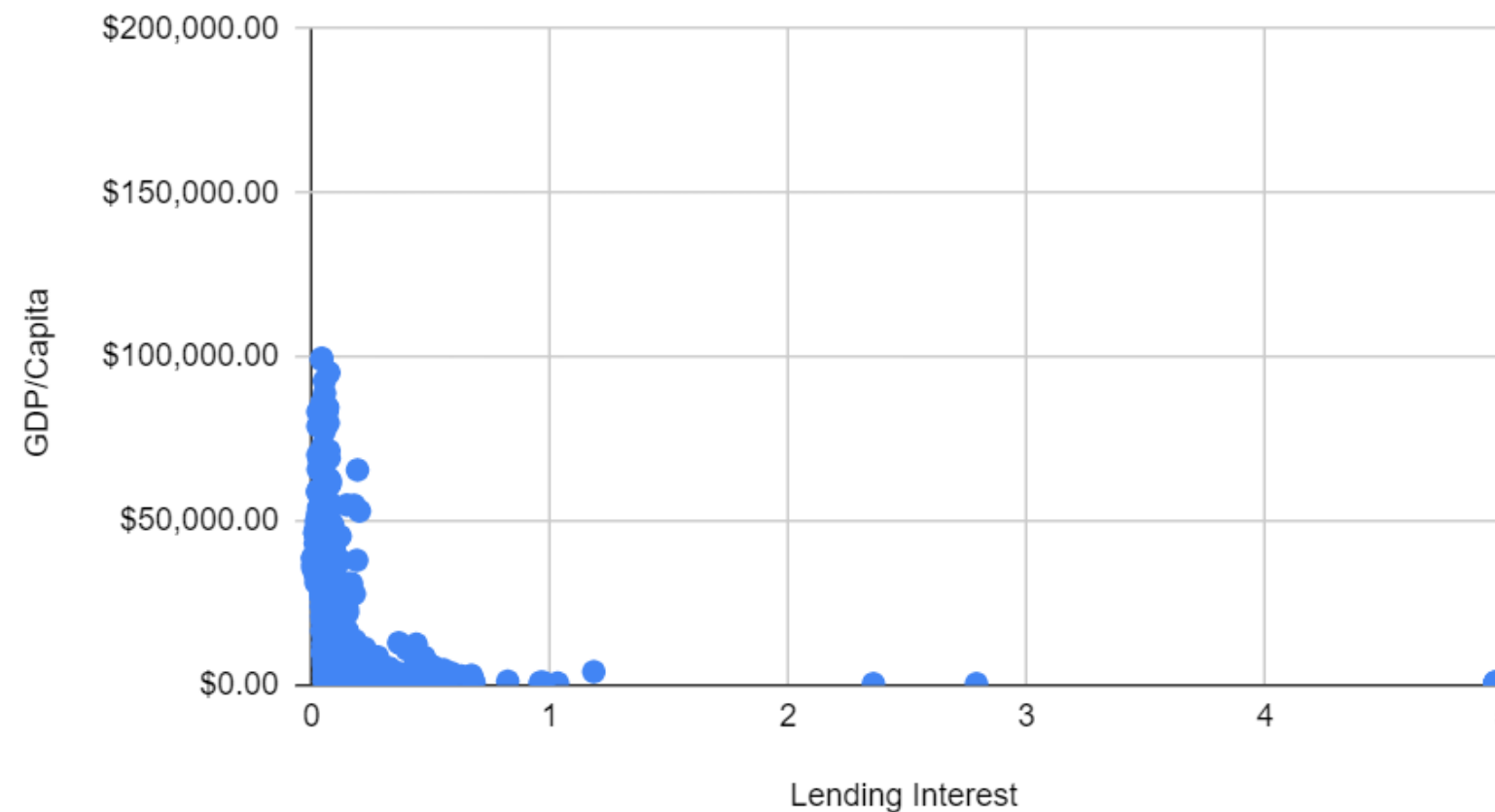
Health Exp % GDP vs GDP/Capita



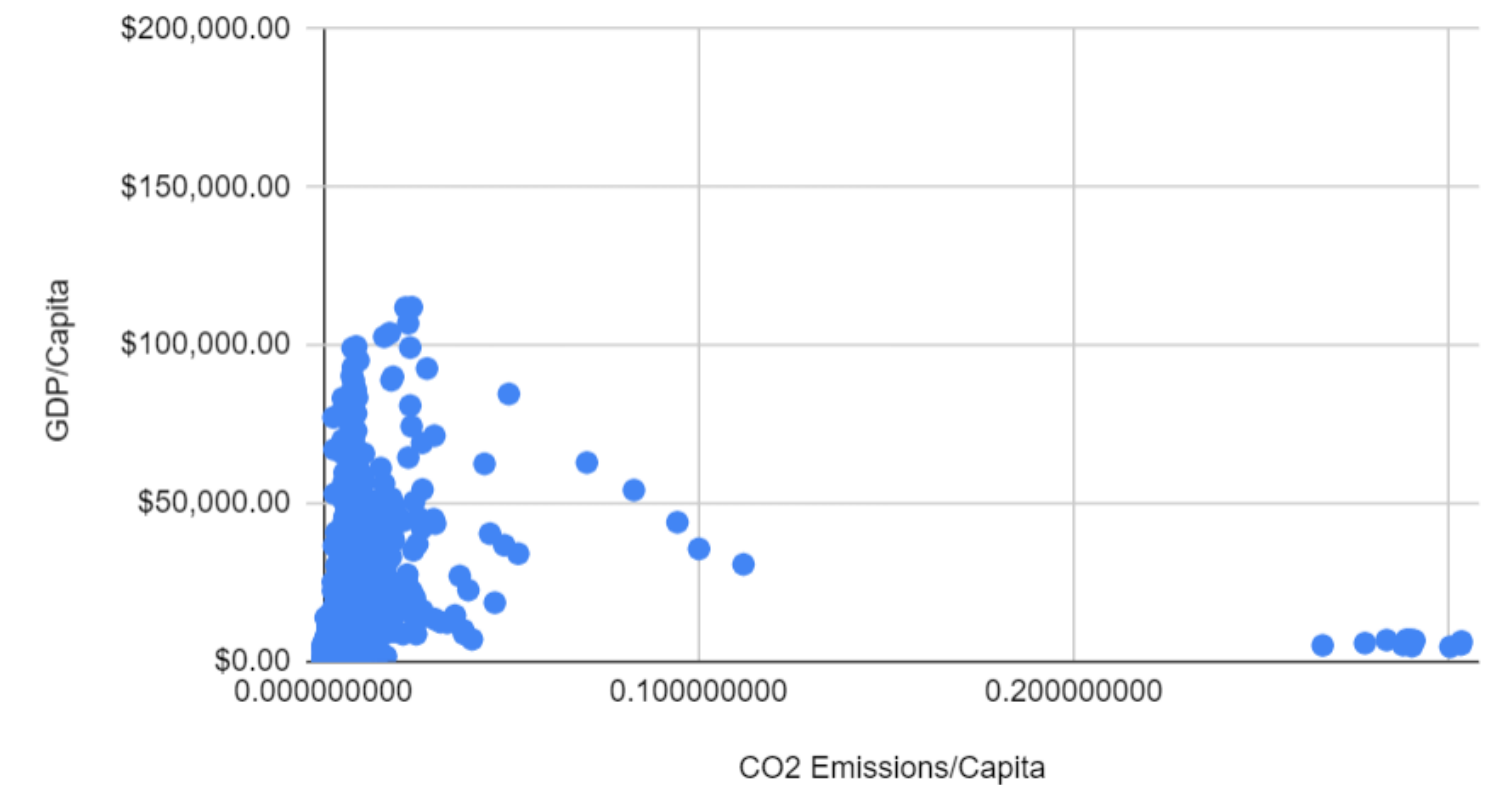
Energy Usage/Capita vs. GDP/Capita



GDP/Capita vs Lending Interest

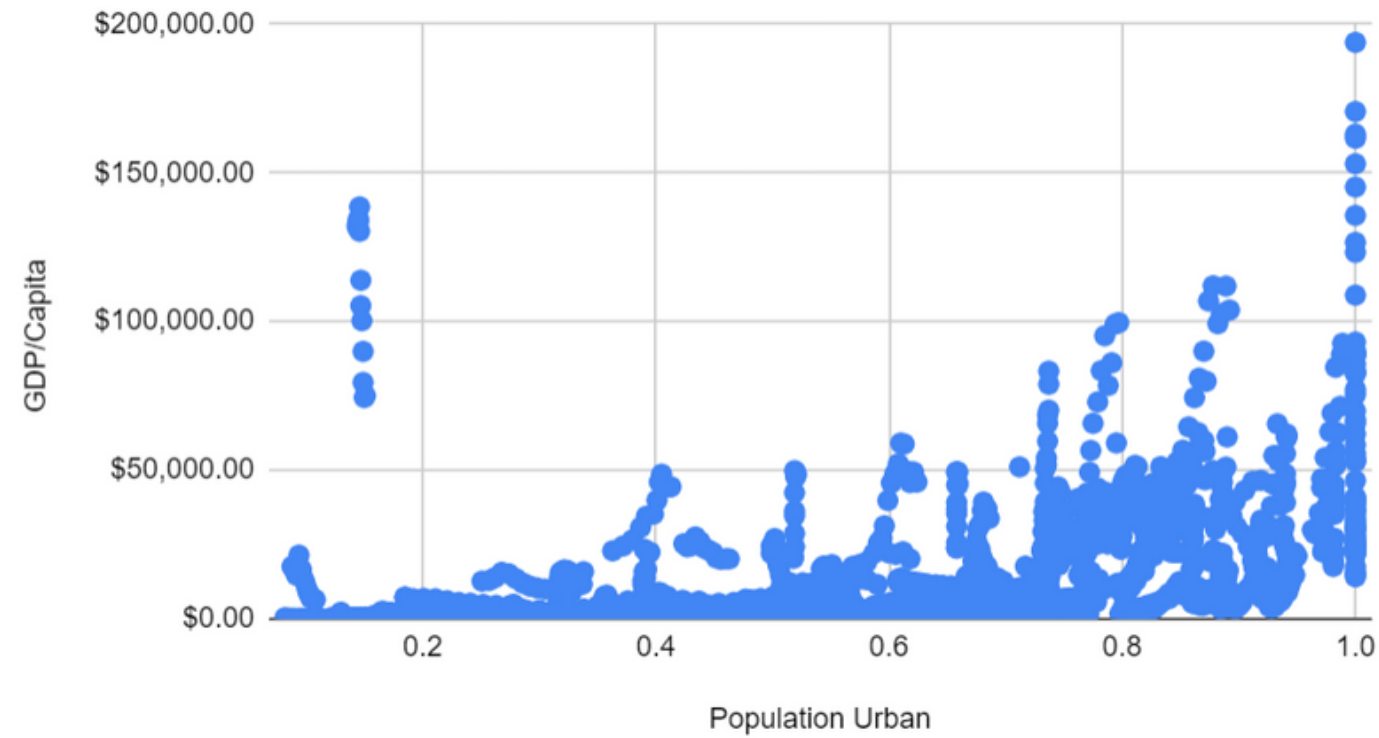


CO2 Emissions/Capita vs. GDP/Capita

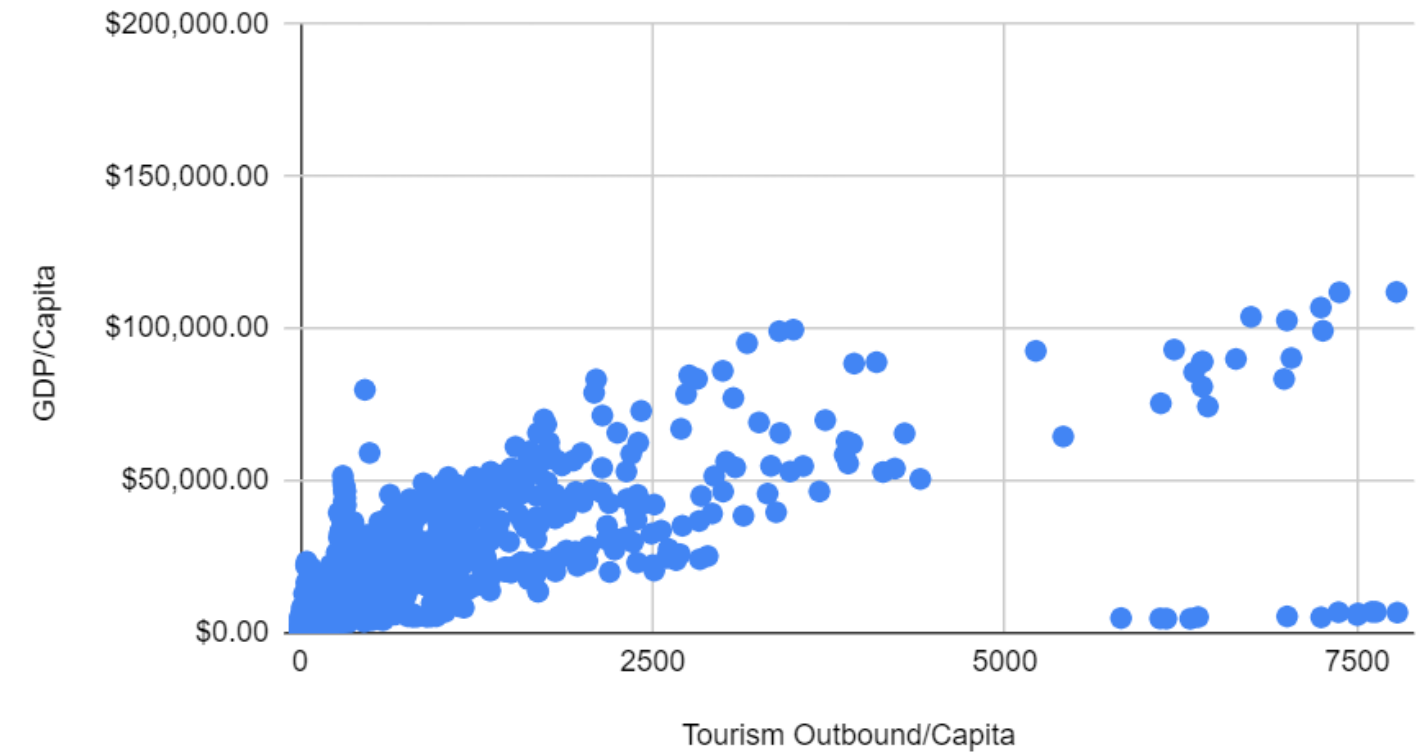


BIVARIATE ANALYSIS

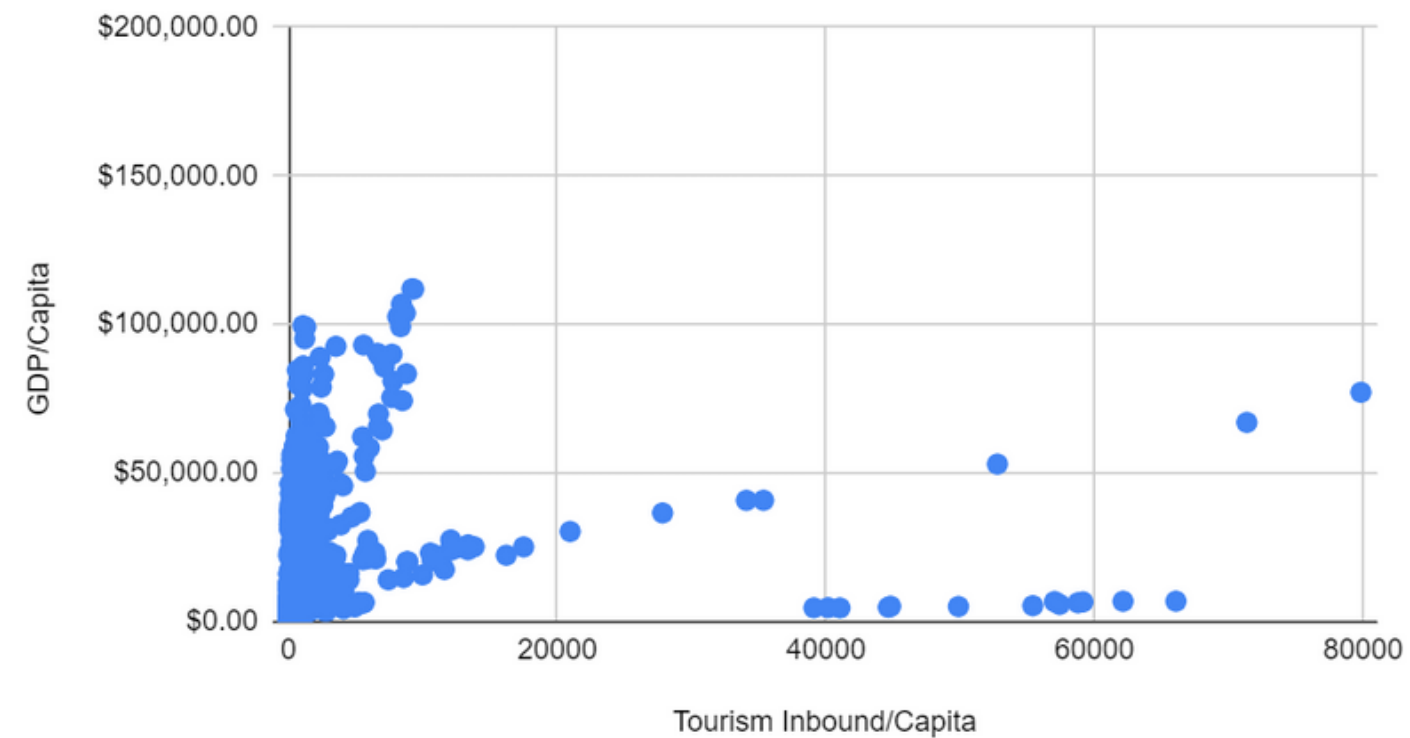
Population Urban vs. GDP/Capita



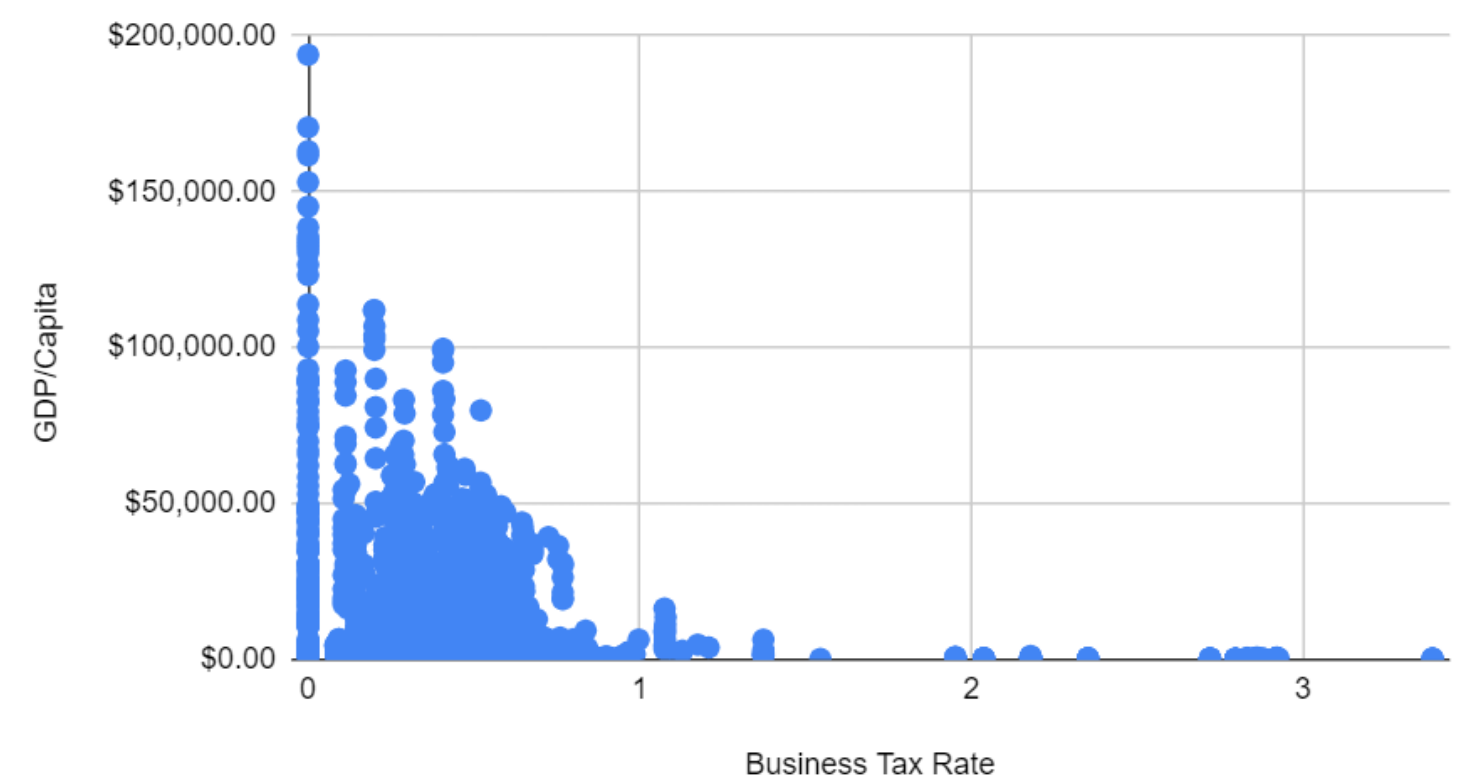
Tourism Outbound vs. GDP/Capita



Tourism Inbound vs. GDP/Capita

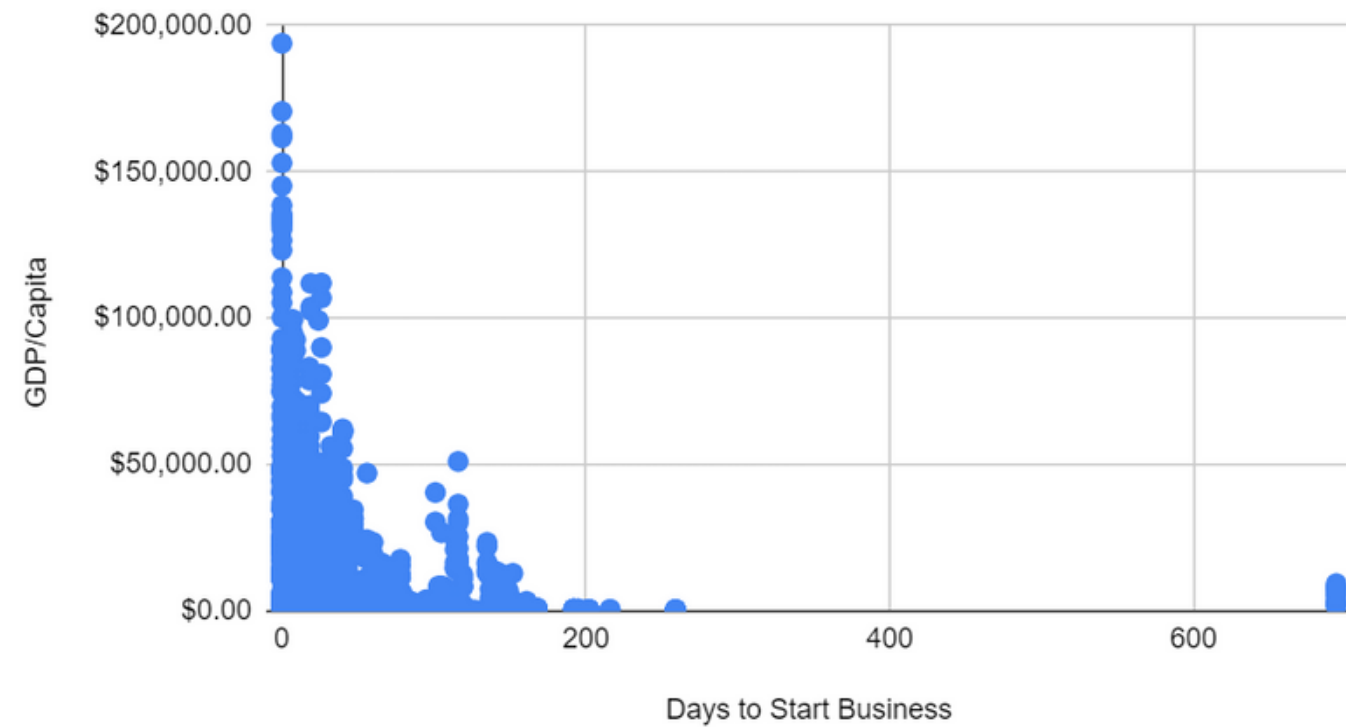


Business Tax Rate vs. GDP/Capita

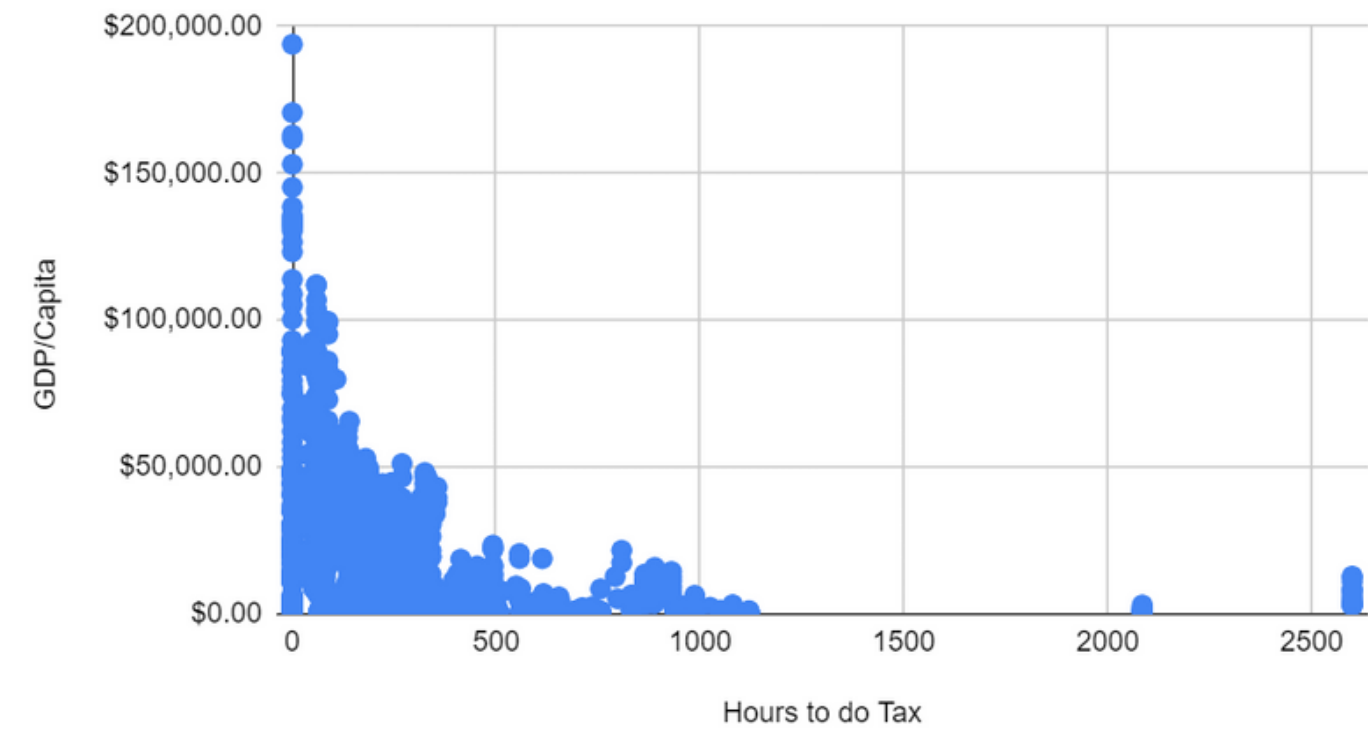


BIVARIATE ANALYSIS

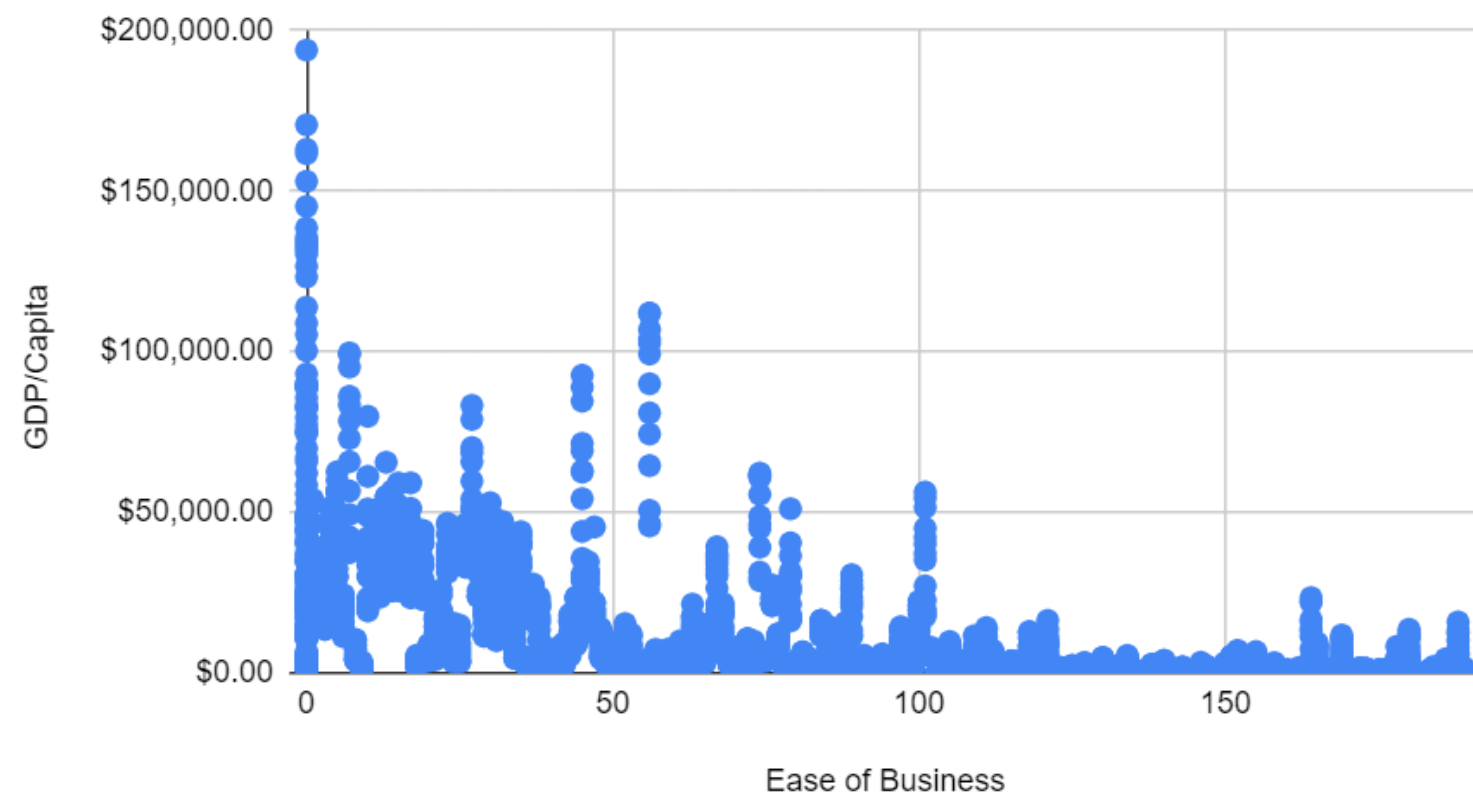
Days to Start Business vs. GDP/Capita



Hours to do Tax vs. GDP/Capita



Ease of Business vs. GDP/Capita



Internet Usage vs. GDP/Capita

