

World Development Indicators Analysis

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summary(df_selected)
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country	gdp_per_capita	inflation_rate	unemployment_rate
Length:217	Min. : 259	Min. : -6.687	Min. : 0.130
Class :character	1st Qu.: 2571	1st Qu.: 5.518	1st Qu.: 3.501
Mode :character	Median : 7588	Median : 7.968	Median : 5.537
	Mean : 20346	Mean : 12.494	Mean : 7.269
	3rd Qu.: 25983	3rd Qu.: 11.666	3rd Qu.: 9.455
	Max. :240862	Max. :171.205	Max. :37.852
	NA's :14	NA's :48	NA's :31

GDP Per Capita Distribution

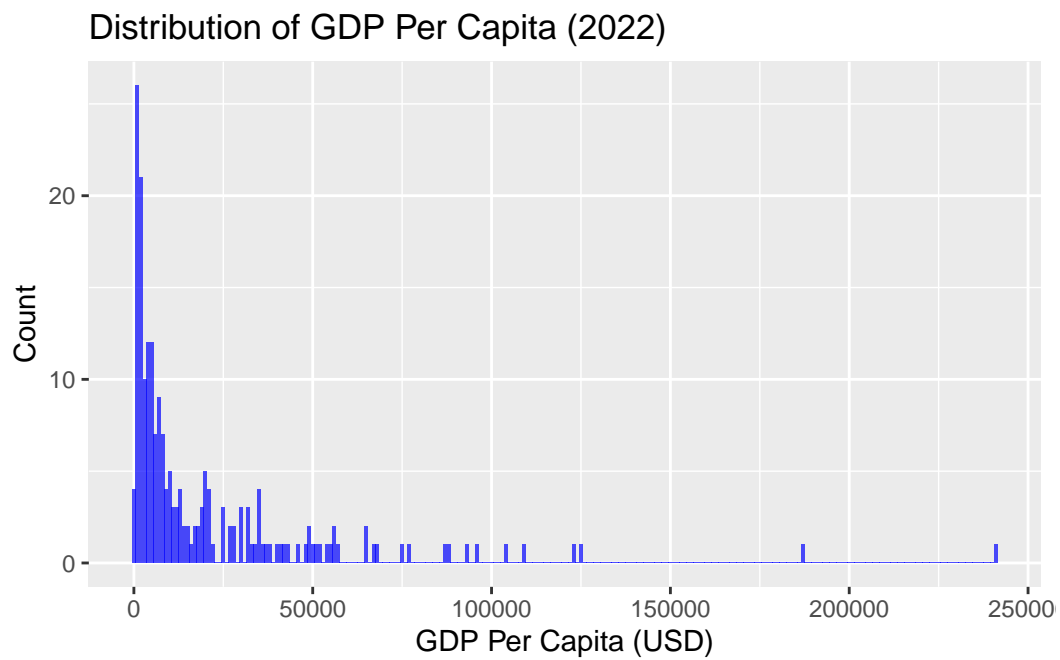


Figure 1: Distribution of GDP per capita for various countries in 2022.

Figure 1

GDP vs Inflation Rate

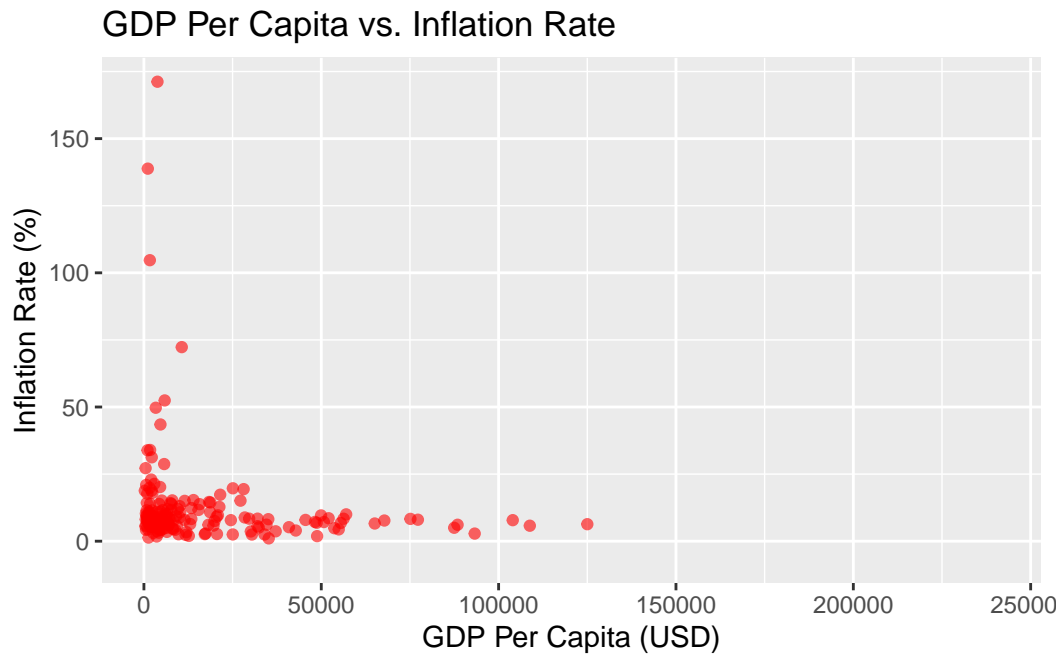


Figure 2: Relationship between GDP and Inflation. (Group 2022)

Figure 2

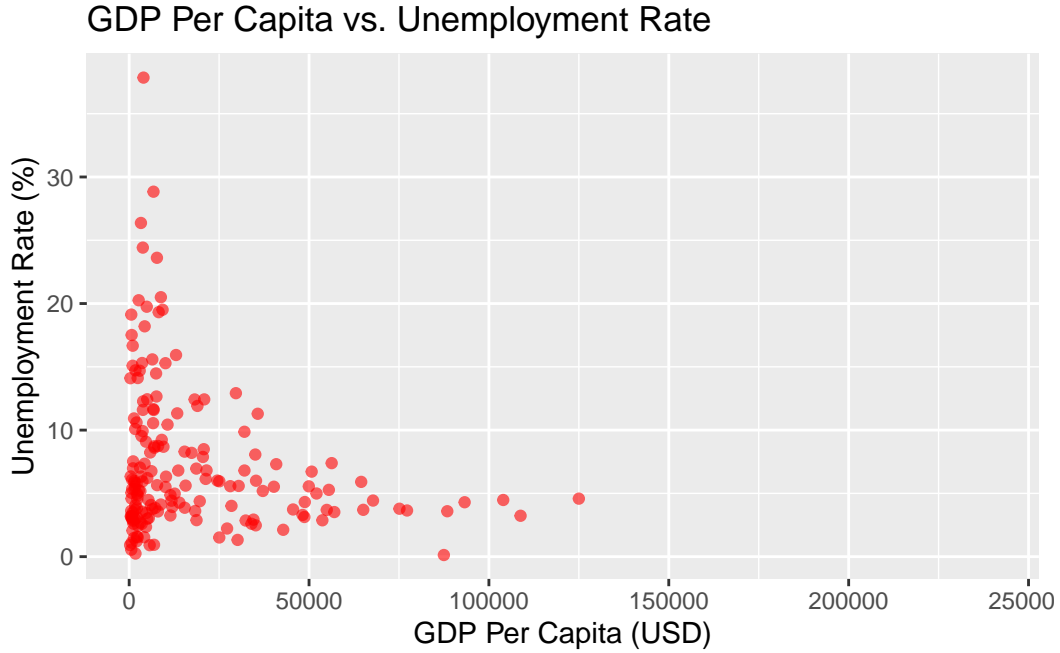


Figure 3: Relationship between GDP and Unemployment.

Figure 3

Indicator	Mean	Median	Min	Max
GDP Per Capita (USD)	20346	7588	259	240862
Inflation Rate (%)	12.494	7.968	-6.687	171.205
Unemployment Rate (%)	7.269	5.537	0.130	37.862

Figure 4: Summary Statistics for Selected Variables.

Analysis & Conclusions

The histogram in Figure 1 shows that the majority of countries have a GDP per capita of between 0-25000, with many outliers. The scatter plot in Figure 2 highlights a negative correlation between GDP per capita and inflation rate. The scatter plot in Figure 3 highlights a negative correlation between GDP per capita and unemployment rate.

Group, World Bank. 2022. *World Development Indicators*. <https://data.worldbank.org>.