# EXP 2. Socio-Economic Data Report

| Name | Aditya Choudhary |
|---|---|
| UID | 2021300022 |
| Batch | G |
| Dataset | Socio-Economic Dataset |
| Experiment no. | 2 |

Dataset link-
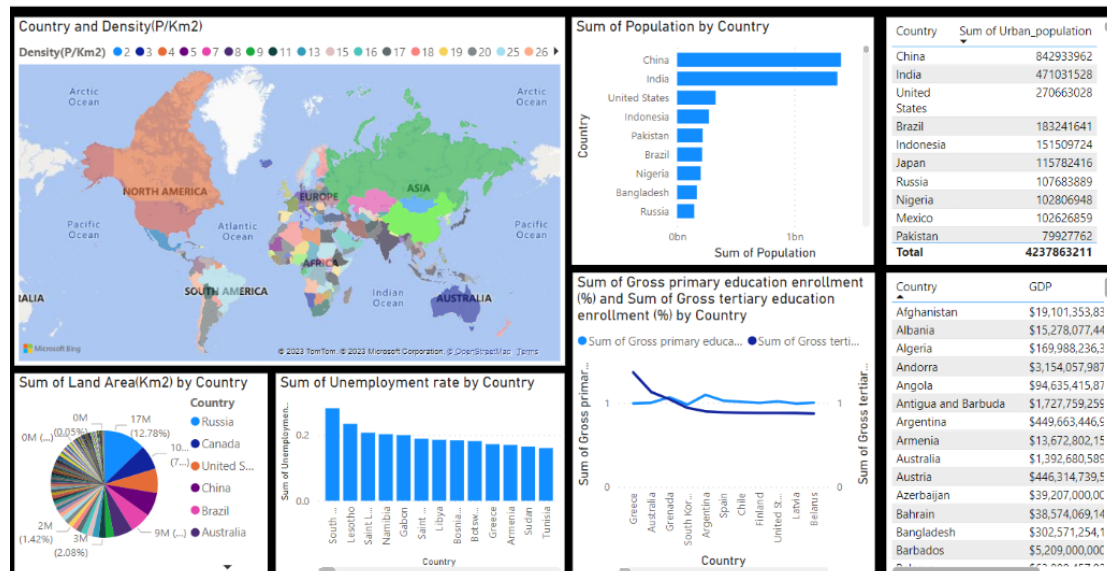https://www.kaggle.com/datasets/nelgiriyewithana/countries-of-the-world-2023

This comprehensive dataset provides a wealth of information about **all countries worldwide**, covering a wide range of indicators and attributes. It encompasses demographic statistics, economic indicators, environmental factors, healthcare metrics, education statistics, and much more. With every country represented, this dataset offers a complete global perspective on various aspects of nations, enabling in-depth analyses and cross-country comparisons.Total Population

- Country
- Density(P/Km2)
- Land Area(Km2)
- Armed Forces size
- POPULATION
- Birth Rate
- GDP
- Abbreviation

## Report-

**Q. What can be inferred from the map showing the country and population density?**

**Ans:** The map highlights the population density per square kilometer for different countries, indicating that regions such as Asia and Europe have higher population densities compared to regions like North America and Australia.

**Q. What does the bar chart depict regarding population by country?**

**Ans:** The bar chart shows that China and India have the highest populations, significantly surpassing other countries like the United States, Indonesia, and Pakistan.

**Q. What insight can be drawn from the pie chart showing the sum of land area by country?**

**Ans:** The pie chart reveals that Russia holds the largest land area, followed by Canada and China, making these countries dominant in terms of geographical size compared to others.

**Q. What does the bar chart illustrate about the unemployment rate by country?**

**Ans:** The bar chart indicates the unemployment rates across different countries, with South Africa and Libya having the highest unemployment rates compared to other nations like Armenia and Tunisia.

**Q. What can be concluded from the line chart comparing gross primary and tertiary education enrollment by country?**

**Ans:** The line chart shows trends in education enrollment, indicating that countries like Greece and Argentina have higher primary education enrollment percentages, while tertiary education enrollment varies significantly among countries.

**Q. What does the table display regarding GDP by country?**

**Ans:** The table provides GDP figures for various countries, highlighting that larger economies like the United States, China, and Japan have significantly higher GDPs compared to smaller nations.

**Q. What does the bar chart show about the sum of urban population by country?**

**Ans:** The bar chart depicts urban populations, showing that China, India, and the United States have the highest urban populations compared to other countries.

.