

# Business Question and Visualization Report

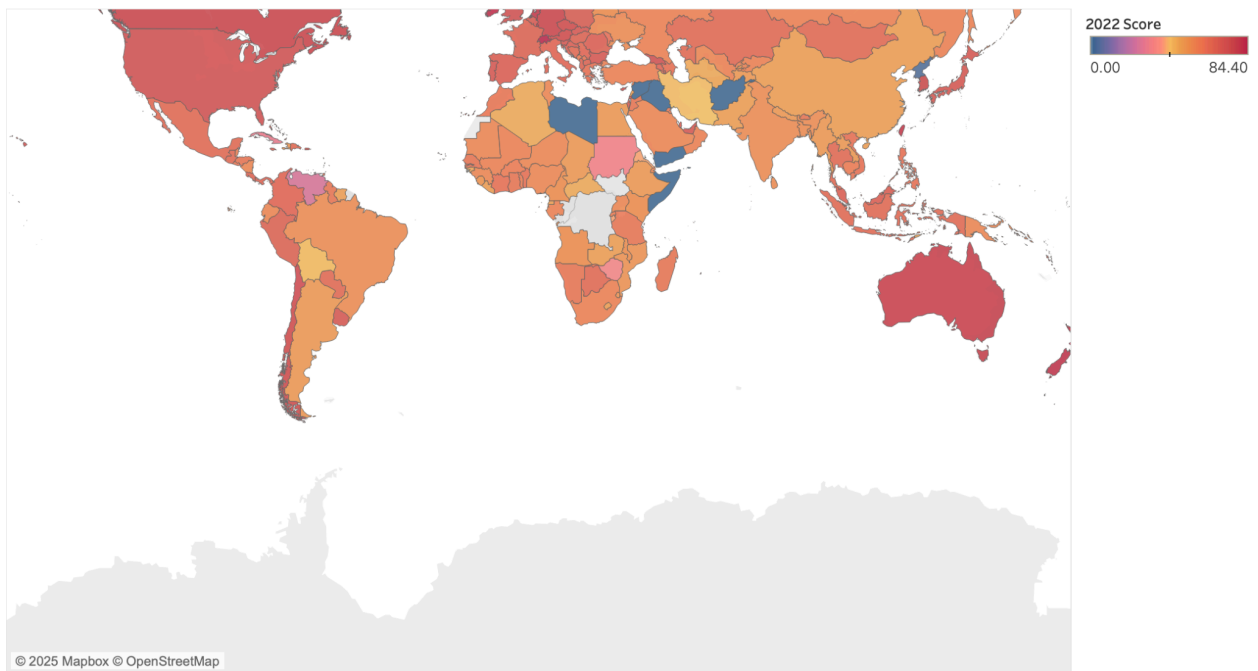
Date	9 March 2025
Team ID	Prakriti Gupta (Individual Project)
Project Name	Measuring the pulse of prosperity :An Index Of Economic Freedom Analysis
Maximum Marks	5 Marks

## 1. 2022 Economic Freedom Score

**What is the distribution of economic freedom scores across countries?**

- **Visualization:** World map with 2022 Economic Freedom Scores

2022 Economic Freedom Score



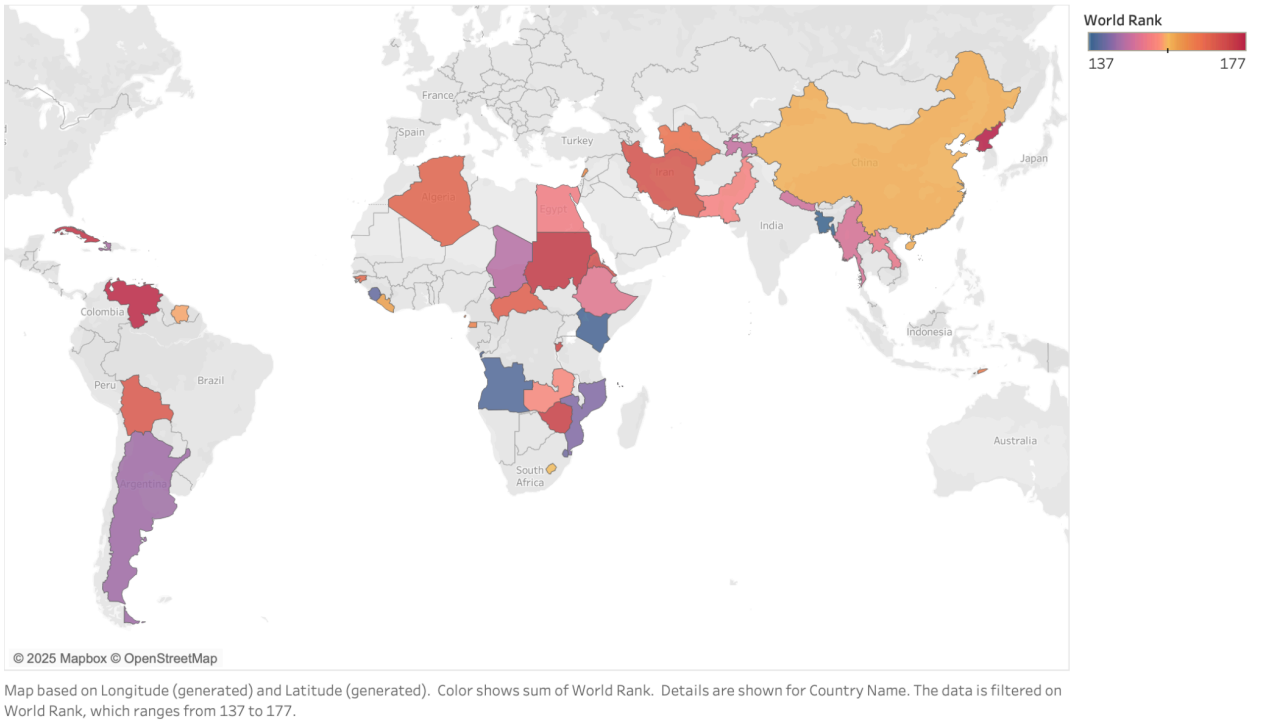
Map based on Longitude (generated) and Latitude (generated). Color shows sum of 2022 Score. Details are shown for Country Name.

## 2. Bottom Ranking countries in the Index

**Which countries rank the lowest in the Economic Freedom Index, and what regional patterns emerge**

- **Visualization:** Map highlighting the lowest-ranking countries

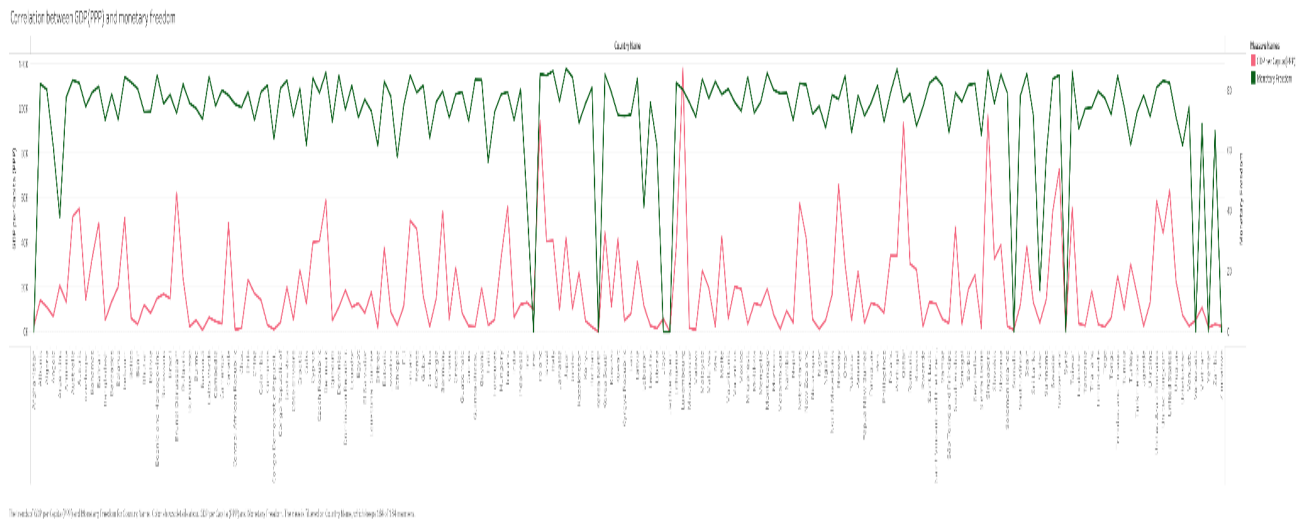
### Bottom ranking countries in the index



### 3. Correlation between GDP(PPP) & monetary freedom

**How does GDP per capita (PPP) correlate with monetary freedom across different countries?**

- **Visualization:** Line graph showing correlation

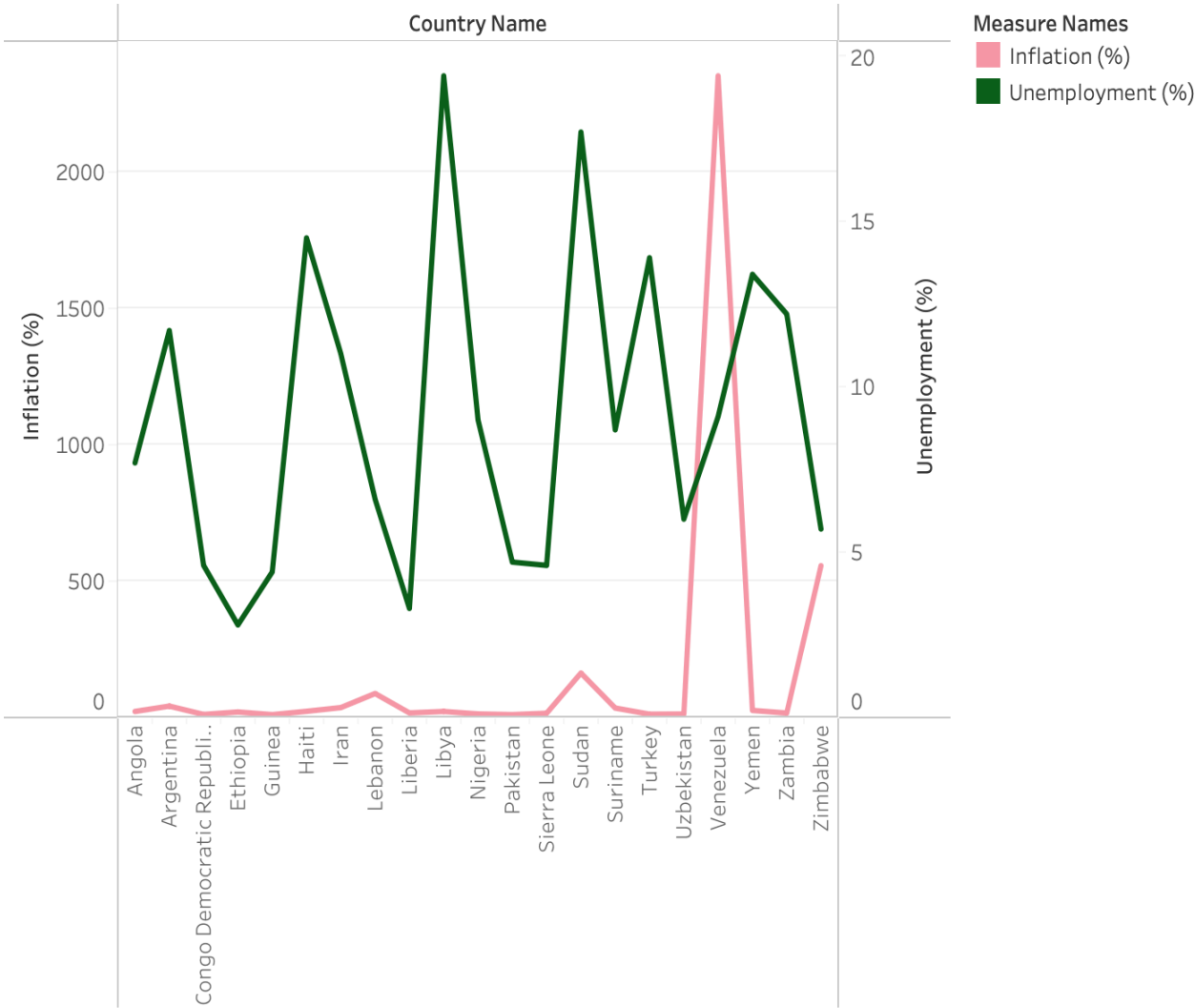


4. Correlation between Inflation and Unemployment

What is the relationship between inflation and unemployment across different countries?

- **Visualization:** Line chart comparing inflation (%) and unemployment (%) across selected countries

Correlation between inflation and unemployment



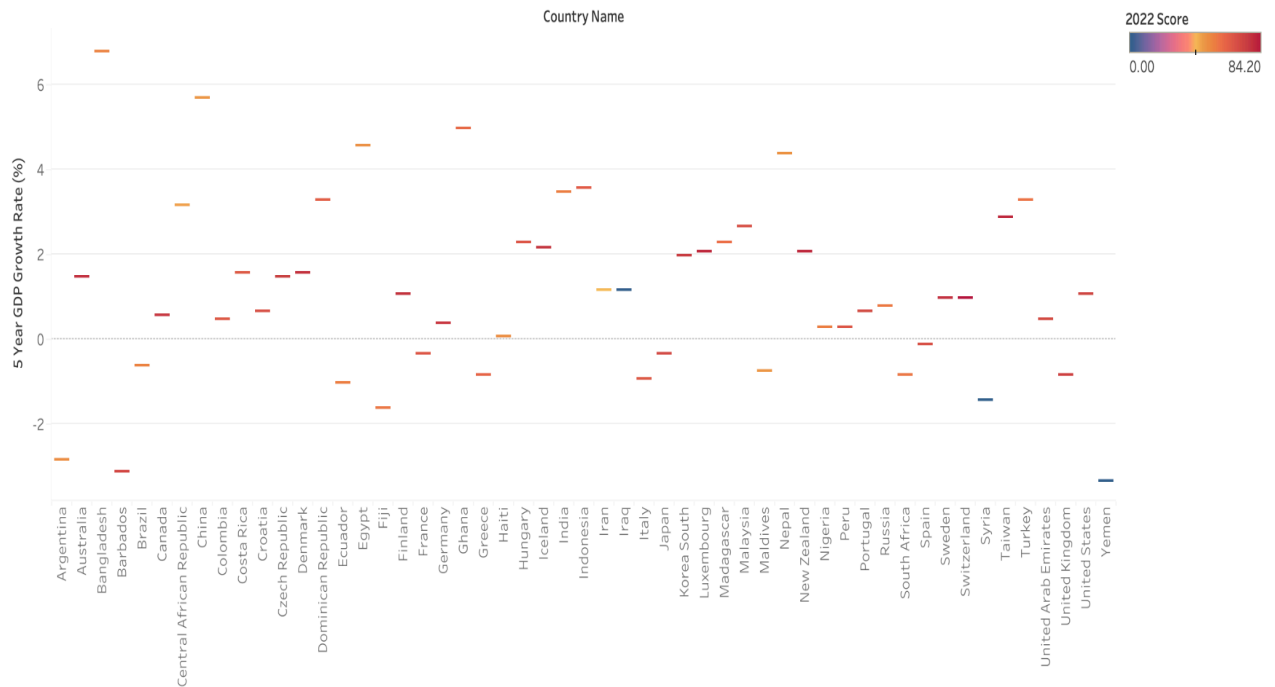
The trends of Inflation (%) and Unemployment (%) for Country Name. Color shows details about Inflation (%) and Unemployment (%). The view is filtered on Country Name, which keeps 21 of 184 members.

## 5. Index Score based on 5 year on GDP Growth Rate (%)

**How does the Economic Freedom Index score relate to the 5-year GDP growth rate across different countries?**

- **Visualization:** Scatter plot displaying the 5-year GDP growth rate (%) for various countries, colored by the 2022 Economic Freedom Score.

Index score based on 5 year on GDP growth rate(%)



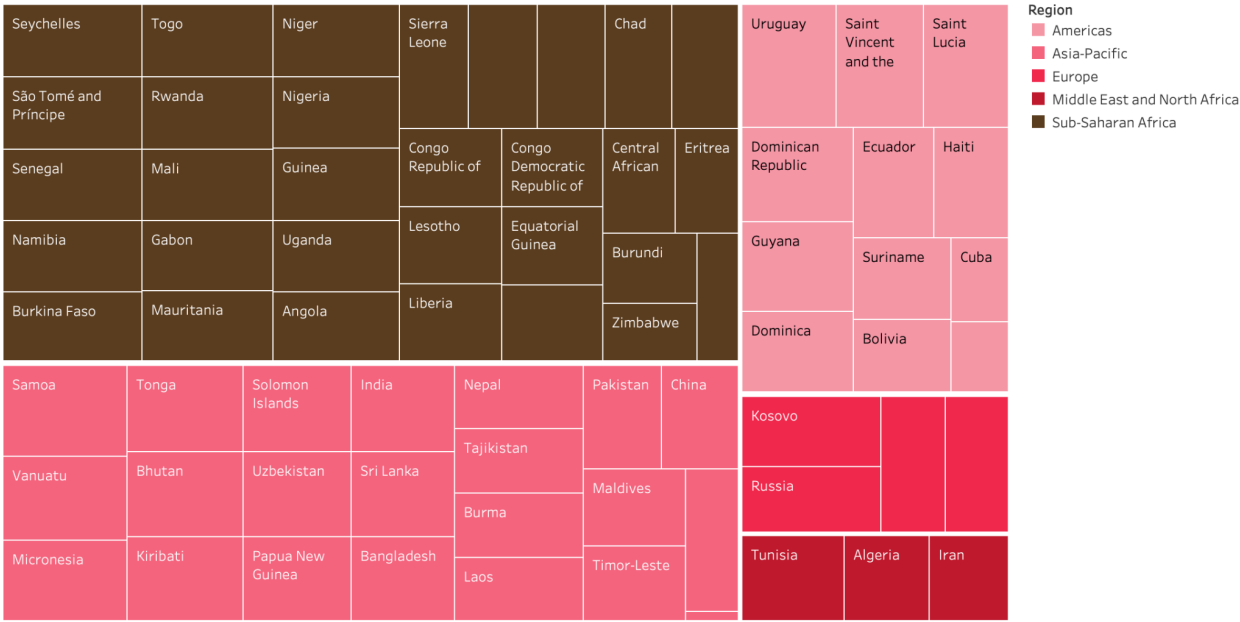
5 Year GDP Growth Rate (%) for each Country Name. Color shows sum of 2022 Score. The view is filtered on Country Name, which keeps 53 of 184 members.

## 6. Index Score based on Financial Freedom

**How does financial freedom impact investment opportunities across different regions?**

- **Visualization:** Treemap chart displaying the financial freedom index scores of various countries, categorized by region. The size represents the sum of the 2022 scores, and colors indicate different geographic areas.

Index score based on financial freedom



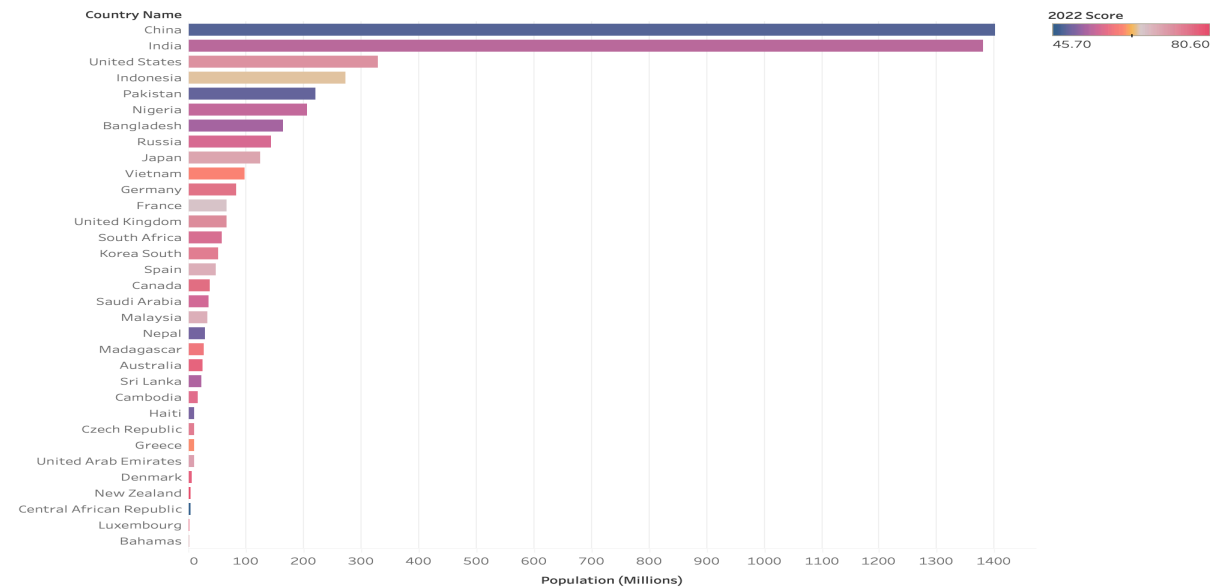
Country Name. Color shows details about Region. Size shows sum of 2022 Score. The marks are labeled by Country Name. The view is filtered on Country Name, which keeps 79 of 184 members.

## 7. Index Score based on Population

Does a higher population correlate with better financial freedom scores?

- **Visualization:** Bar chart showing the financial freedom index scores of countries based on their population. The length represents the population in millions, and the color scale indicates the 2022 financial freedom score.

Index score based on population

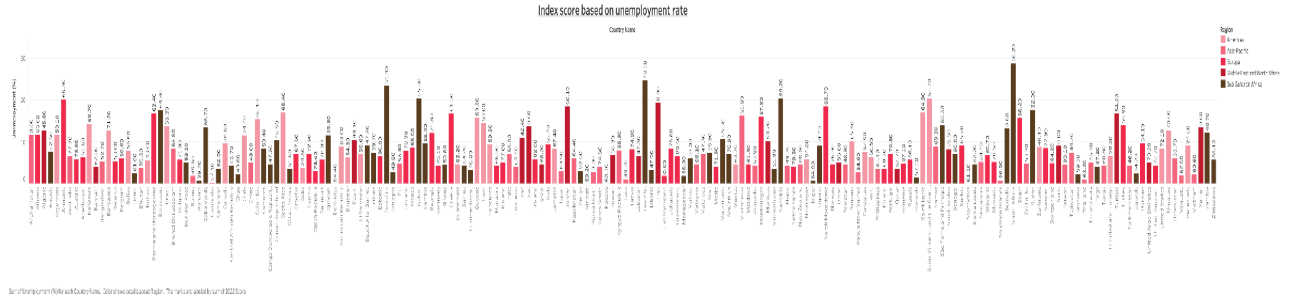


Sum of Population (Millions) for each Country Name. Color shows sum of 2022 Score. The view is filtered on Country Name, which keeps 33 of 184 members.

## 8. Index Score based on Unemployment Rate

### Does a higher unemployment rate indicate a lower economic freedom index score?

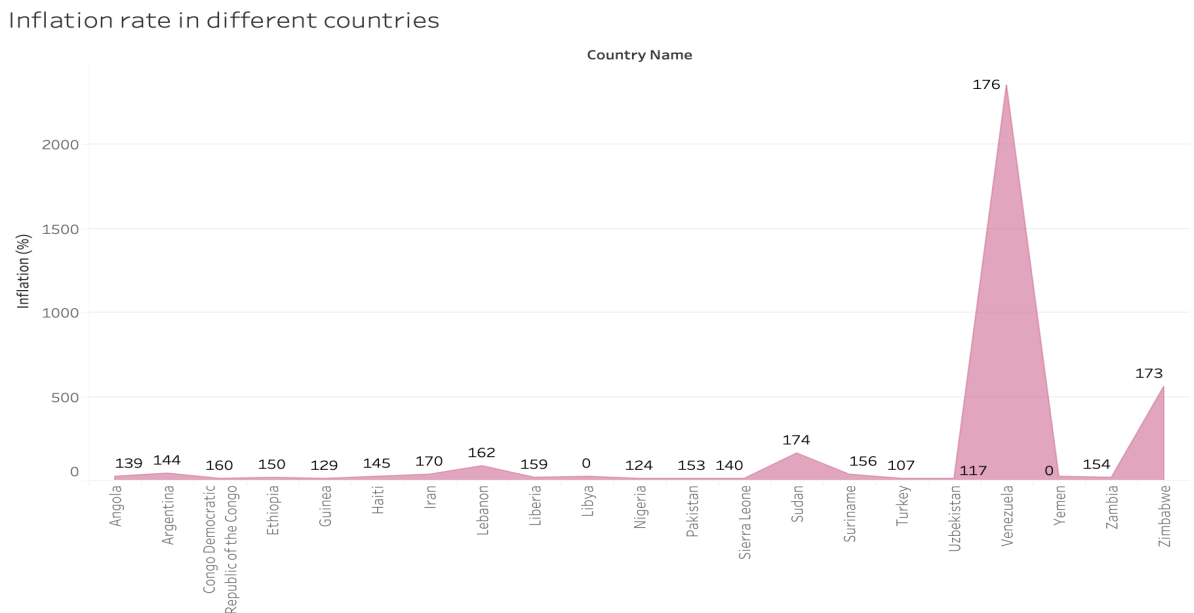
- **Visualization:** Bar chart displaying the unemployment rates of various countries, categorized by region. The height of each bar represents the unemployment percentage, while the labeled values indicate the corresponding 2022 economic freedom score.



## 9. Inflation Rate in different Countries

## Which countries face the highest inflation rates, and how does inflation impact economic freedom?

- **Visualization:** A line chart representing inflation rates (%) for selected countries, with extreme peaks in Venezuela and Zimbabwe.



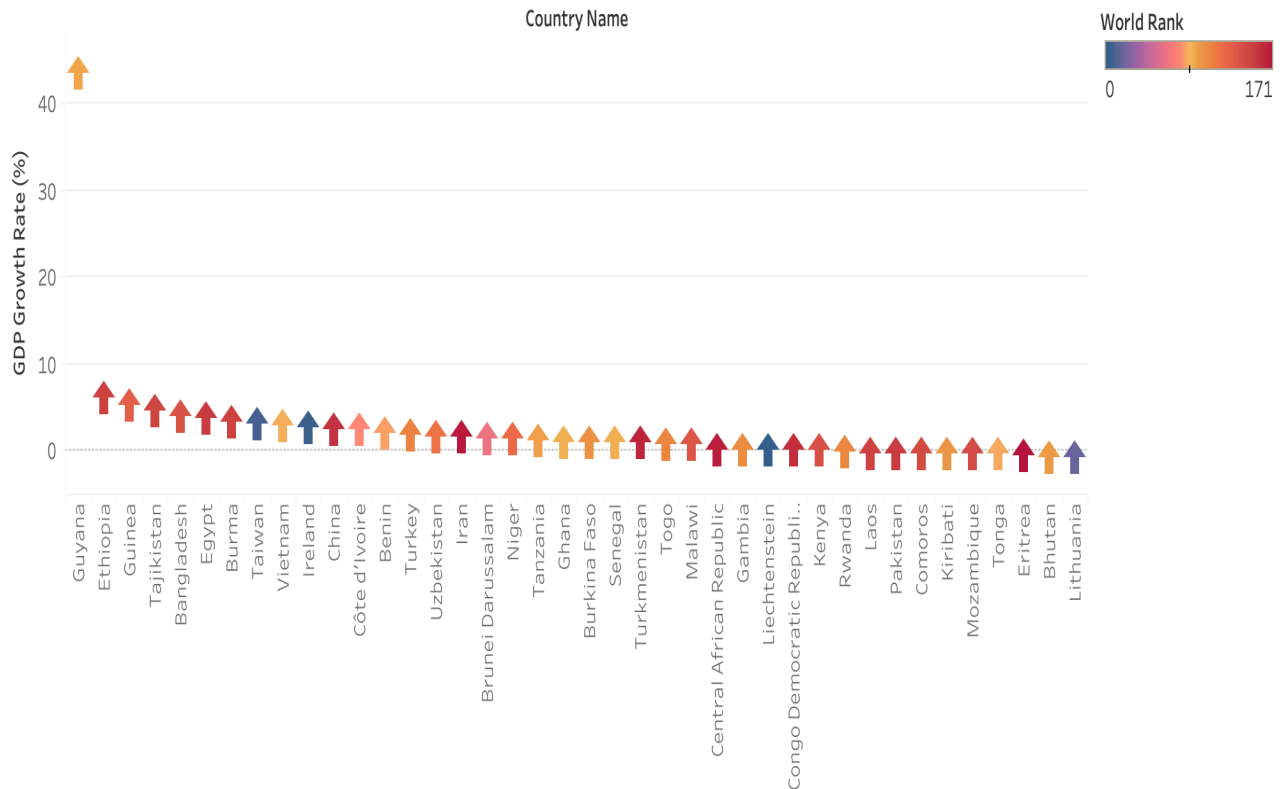
Sum of Inflation (%) for each Country Name. The marks are labeled by sum of World Rank. The view is filtered on Country Name, which keeps 21 of 184 members.

## 10. Top 40 countries by GDP Growth Rate

Which countries experience the highest GDP growth, and what does it indicate about their economic freedom?

- **Visualization:** A bar chart of the top 40 countries by GDP growth rate (%), with color-coded world ranks.

Top 40 countries by GDP growth rate



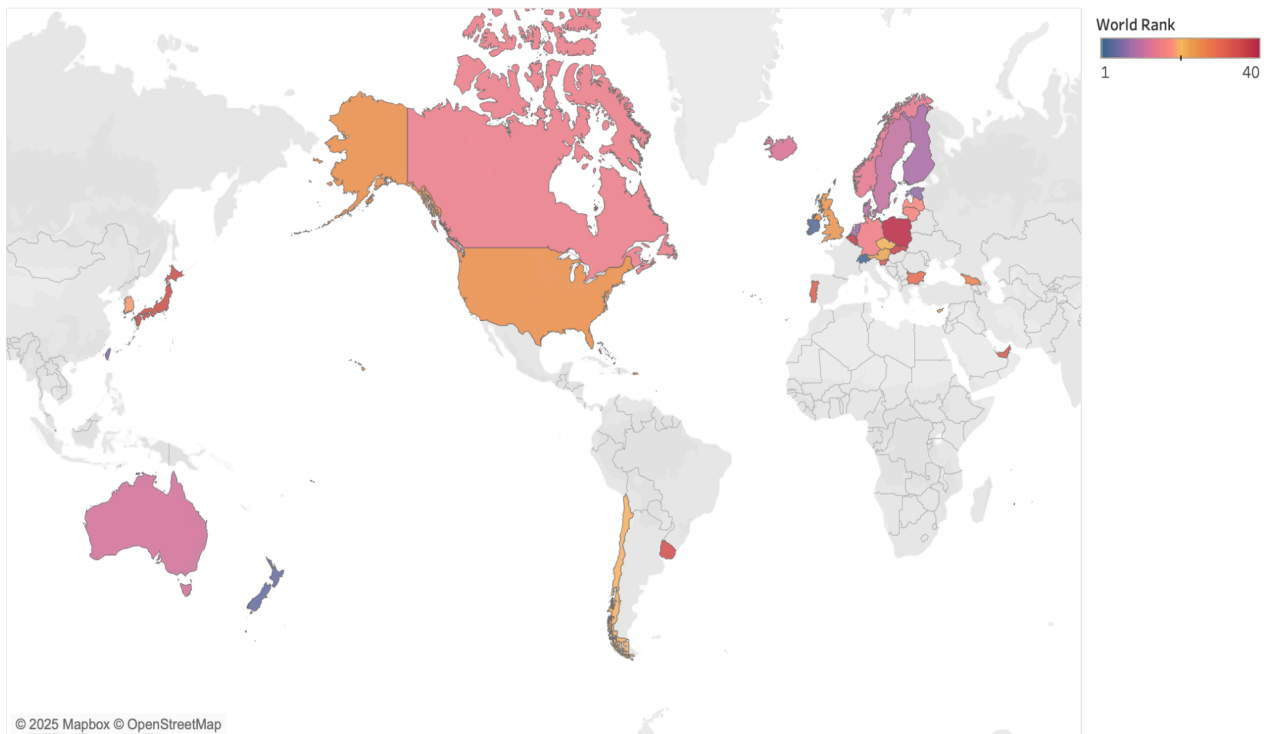
Sum of GDP Growth Rate (%) for each Country Name. Color shows sum of World Rank. The data is filtered on GDP Growth Rate (%), which ranges from -59.7 to 43.4. The view is filtered on Country Name, which keeps 40 of 184 members.

## 11. Top 40 ranking countries in the Index

Where are the world's most economically free countries located?

- **Visualization:** A world map highlighting the top 40 ranking countries in the Economic Freedom Index.

Top 40 ranking countries in the index



Map based on Longitude (generated) and Latitude (generated). Color shows sum of World Rank. Details are shown for Country Name. The data is filtered on World Rank, which ranges from 1 to 40.