# Measure of pulses prosperity: An index of Economic Analysis Project

## 1. Project Overview

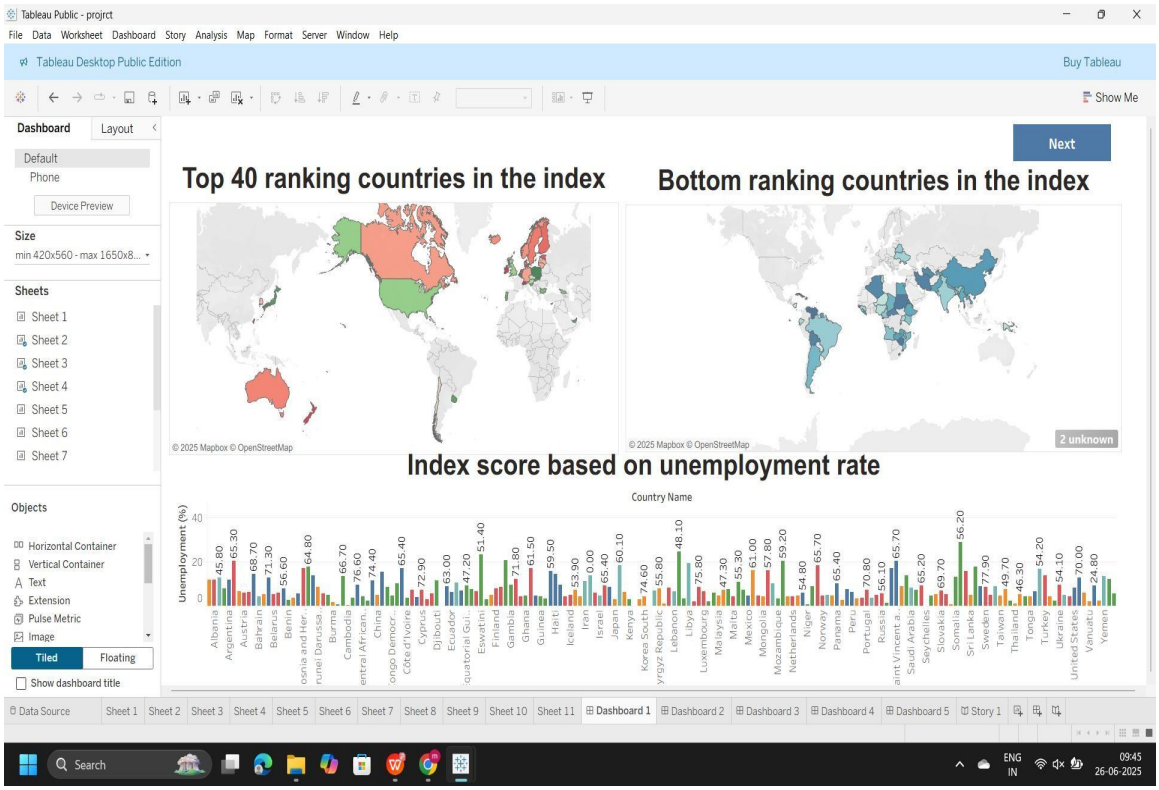
This project presents an interactive data visualization dashboard on measure of pulse prosperity Index using Tableau. The dashboard is embedded into a web page using HTML and JavaScript to allow users to explore the dataset visually. It provides insights on economic freedom metrics across countries through a clean, responsive interface.

## 2. Technologies Used

- HTML5
- CSS
- Tableau Public

## 3. Dashboard Embedding

The dashboard is embedded using Tableau's public. The code includes parameters to load a public Tableau dashboard (`Dashboard1`) hosted on Tableau Public. It adapts responsively to screen size and loads a static image in case JavaScript is disabled. The script dynamically sets dimensions for optimal viewing across devices.



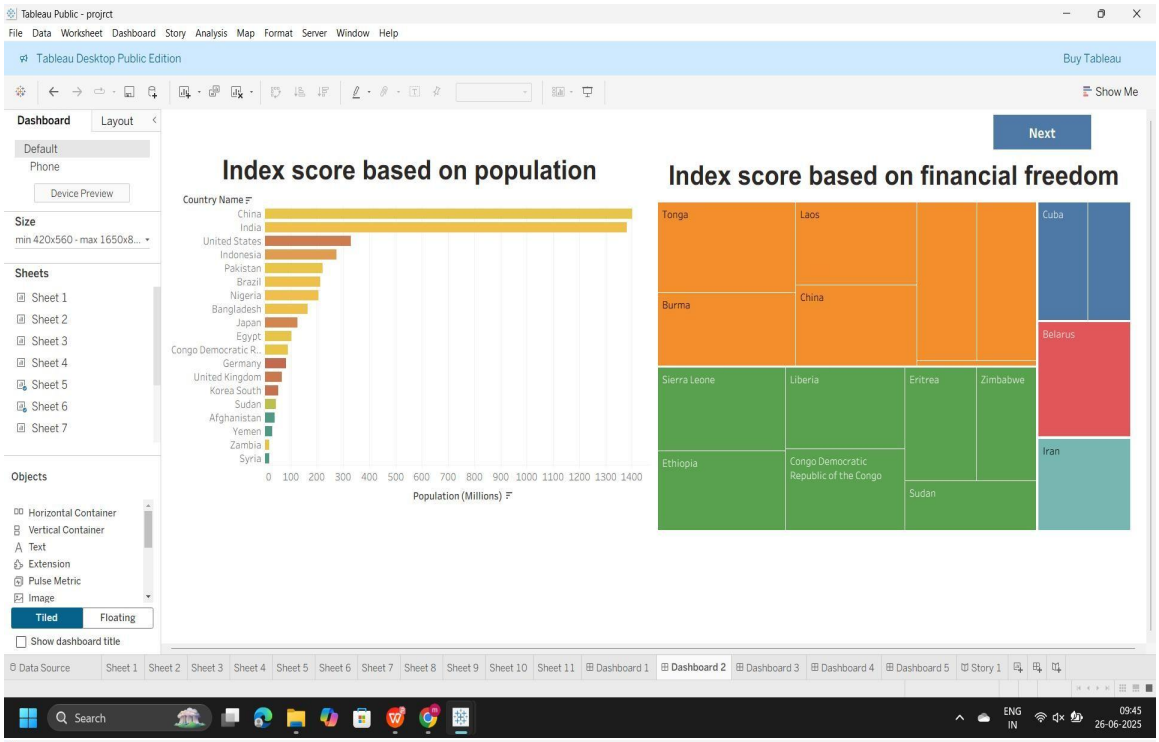


Tableau Public - projrct
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Tableau Desktop Public Edition
Buy Tableau
Show Me
Dashboard
Layout
Default
Phone
Device Preview
Size
min 420x560 - max 1650x8...
Sheets
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Objects
Horizontal Container
Vertical Container
Text
Extension
Pulse Metric
Image
Tiled
Floating
Show dashboard title
Next
Index score based on population
Country Name
China
India
United States
Indonesia
Pakistan
Brazil
Nigeria
Bangladesh
Japan
Egypt
Congo Democratic R..
Germany
United Kingdom
Korea South
Sudan
Afghanistan
Yemen
Zambia
Syria
0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400
Population (Millions)
Index score based on financial freedom
Tonga
Laos
Burma
China
Cuba
Belarus
Sierra Leone
Liberia
Eritrea
Zimbabwe
Ethiopia
Congo Democratic Republic of the Congo
Sudan
Iran
Data Source
Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Sheet 10 Sheet 11 Dashboard 1 Dashboard 2 Dashboard 3 Dashboard 4 Dashboard 5 Story 1
Search
ENG
IN
09:45
26-06-2025

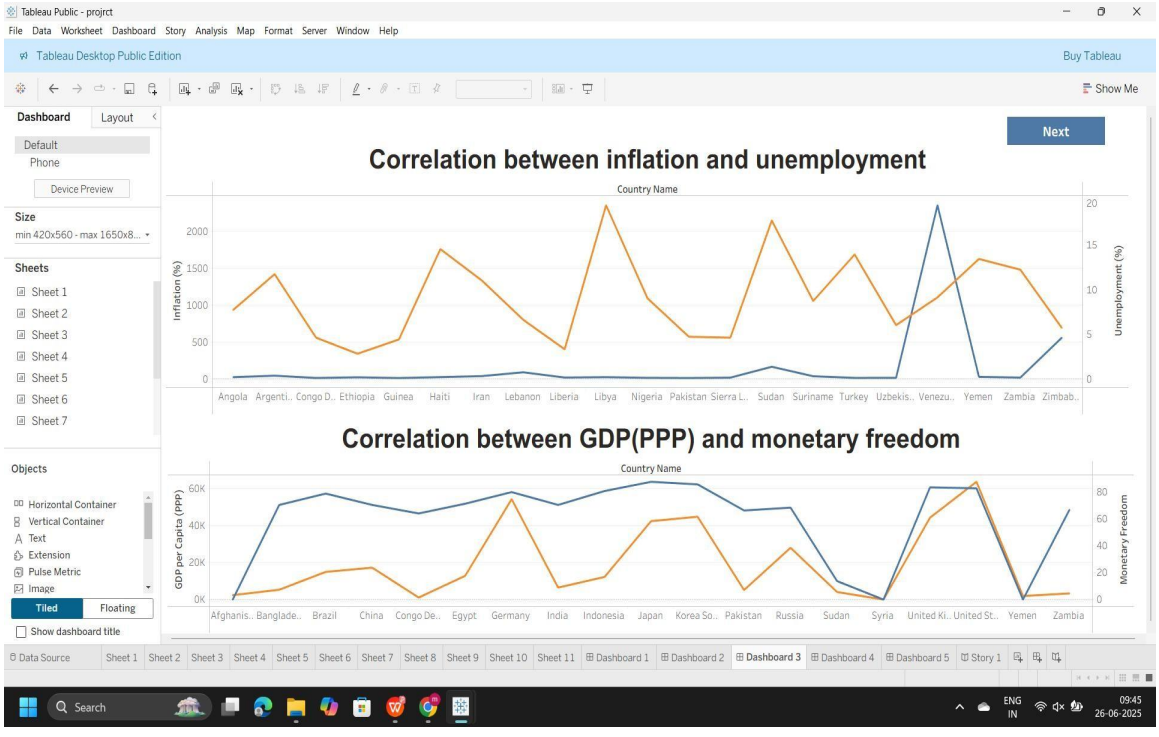
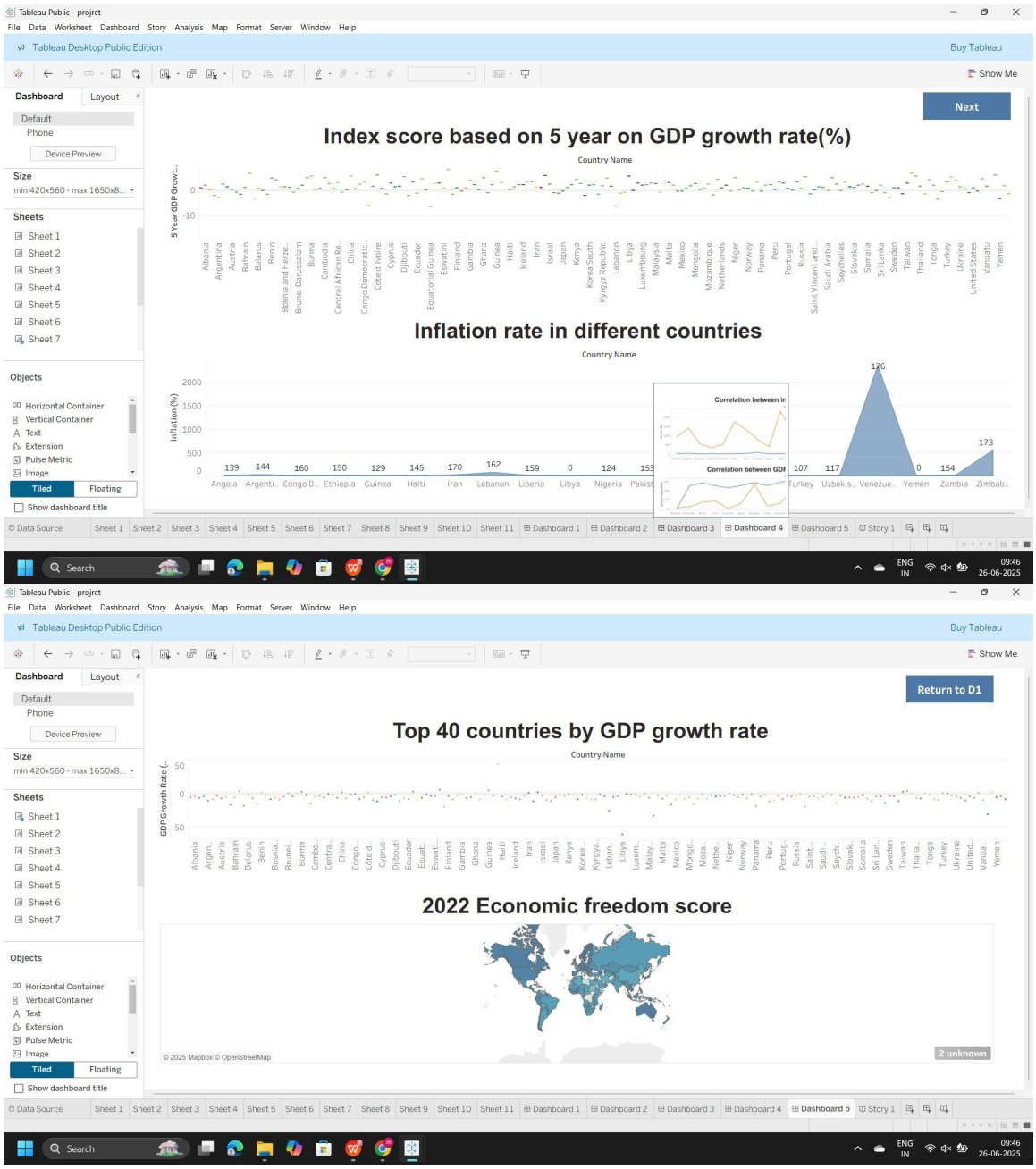
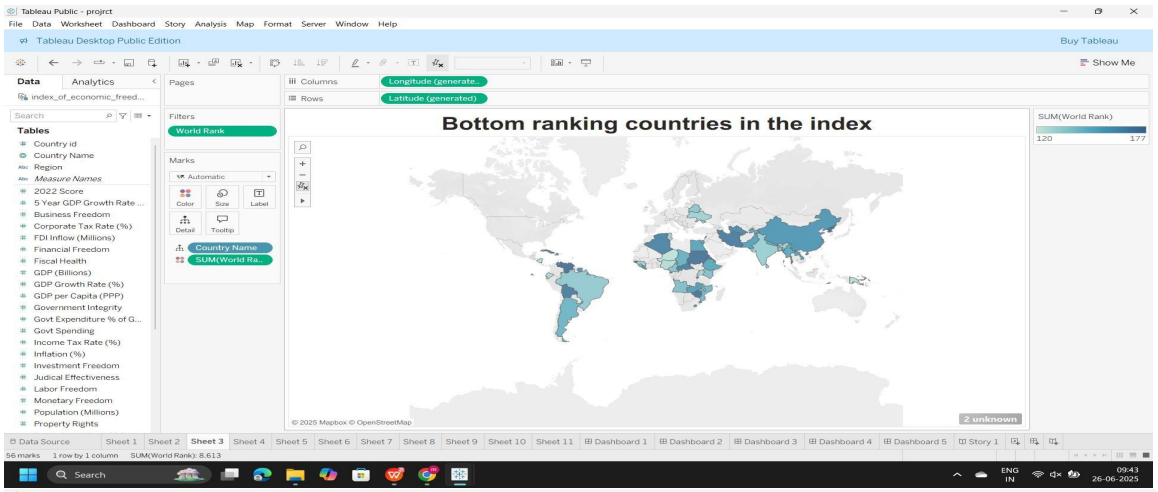


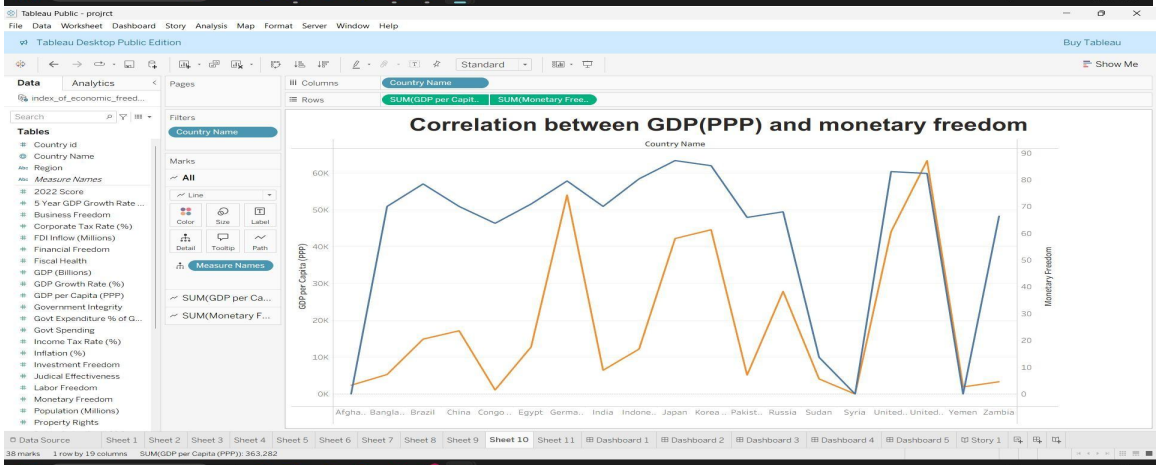
Tableau Public - projrct
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Tableau Desktop Public Edition
Buy Tableau
Show Me
Dashboard
Layout
Default
Phone
Device Preview
Size
min 420x560 - max 1650x8...
Sheets
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Objects
Horizontal Container
Vertical Container
Text
Extension
Pulse Metric
Image
Tiled
Floating
Show dashboard title
Next
Correlation between inflation and unemployment
Country Name
Inflation (%)
Unemployment (%)
Angola Argenti.. Congo D.. Ethiopia Guinea Haiti Iran Lebanon Liberia Libya Nigeria Pakistan Sierra L.. Sudan Suriname Turkey Uzbekis.. Venezu.. Yemen Zambia Zimbab..
Correlation between GDP(PPP) and monetary freedom
Country Name
GDP per Capita (PPP)
Monetary Freedom
Afghanis.. Banglade.. Brazil China Congo De.. Egypt Germany India Indonesia Japan Korea So.. Pakistan Russia Sudan Syria United Ki.. United St.. Yemen Zambia
Data Source
Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Sheet 10 Sheet 11 Dashboard 1 Dashboard 2 Dashboard 3 Dashboard 4 Dashboard 5 Story 1
Search
ENG
IN
09:45
26-06-2025

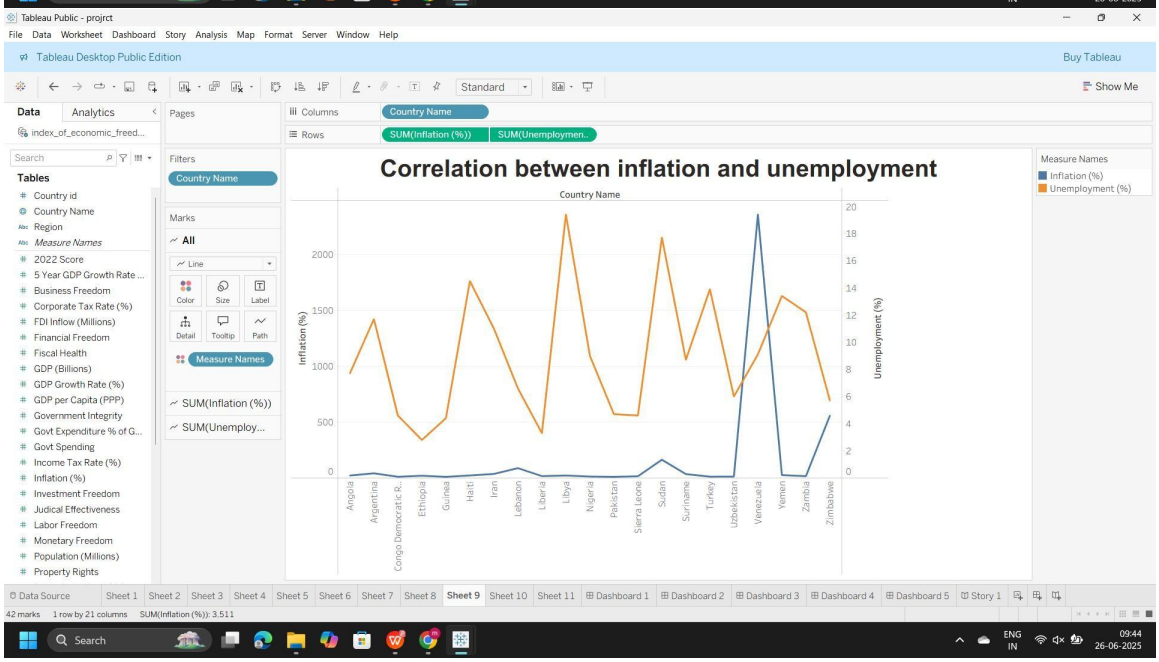



## 4. Output Screenshot

Below is a placeholder for the output visualization that appears when the HTML file is rendered in a browser.


Bottom ranking countries in the index
Tableau Public - projrct
Tableau Desktop Public Edition
Buy Tableau
Show Me
Data
Analytics
Pages
Columns
Longitude (generate..
Rows
Latitude (generated)
Filters
World Rank
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Country Name
SUM(World Ra..
SUM(World Rank)
120
177
2 unknown
© 2025 Mapbox © OpenStreetMap
Sheet 3
56 marks
1 row by 1 column
SUM(World Rank): 8,613


Correlation between GDP(PPP) and monetary freedom
Tableau Public - projrct
Tableau Desktop Public Edition
Buy Tableau
Show Me
Standard
Columns
Country Name
Rows
SUM(GDP per Capit..
SUM(Monetary Free..
Filters
Country Name
Marks
All
Line
Measure Names
SUM(GDP per Ca...
SUM(Monetary F...
GDP per Capita (PPP)
Monetary Freedom
Afgha.. Bangla.. Brazil China Congo.. Egypt Germa.. India Indone.. Japan Korea.. Pakist.. Russia Sudan Syria United.. United.. Yemen Zambia
Sheet 10
38 marks
1 row by 19 columns
SUM(GDP per Capita (PPP)): 363,282


Correlation between inflation and unemployment
Tableau Public - projrct
Tableau Desktop Public Edition
Buy Tableau
Show Me
Standard
Columns
Country Name
Rows
SUM(Inflation (%))
SUM(Unemploymen..
Filters
Country Name
Marks
All
Line
Measure Names
SUM(Inflation (%))
SUM(Unemploy...
Measure Names
Inflation (%)
Unemployment (%)
Inflation (%)
Unemployment (%)
Angola Argentina Congo Democratic R.. Ethiopia Guinea Haiti Iran Lebanon Liberia Libya Nigeria Pakistan Sierra Leone Sudan Suriname Turkey Uzbekistan Venezuela Yemen Zambia Zimbabwe
Sheet 9
42 marks
1 row by 21 columns
SUM(Inflation (%)): 3.511

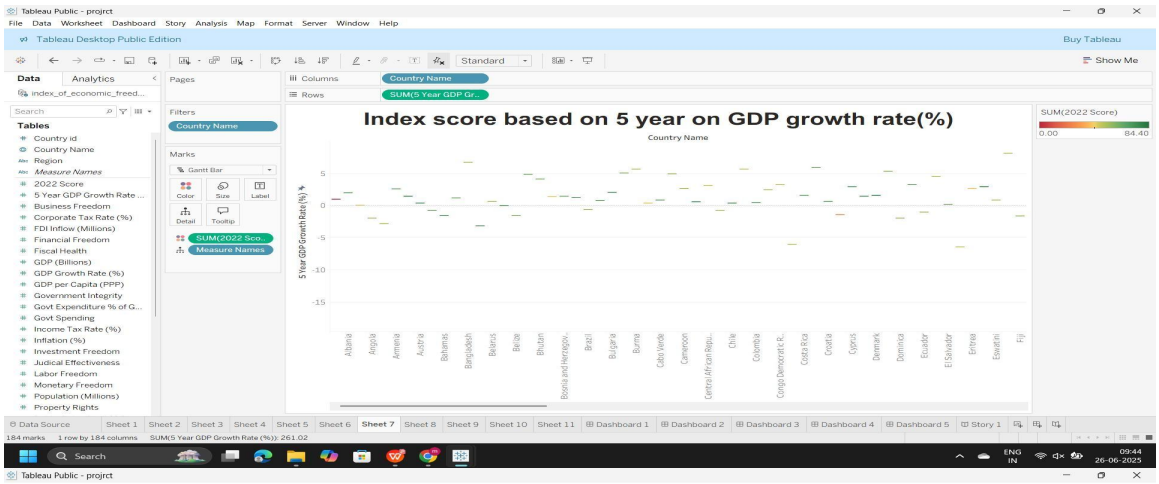


Tableau Public - projrct
Index score based on 5 year on GDP growth rate(%)
Country Name
5 Year GDP Growth Rate (%)
SUM(2022 Score)
0.00
84.40

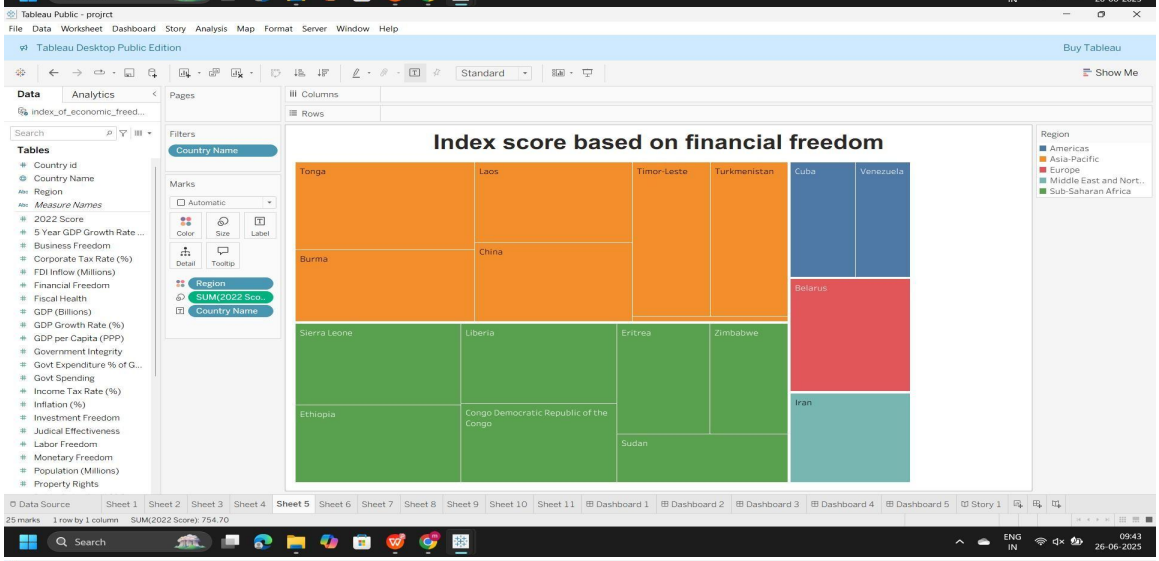


Tableau Public - projrct
Index score based on financial freedom
Tonga
Laos
Timor-Leste
Turkmenistan
Cuba
Venezuela
Burma
China
Belarus
Sierra Leone
Liberia
Eritrea
Zimbabwe
Iran
Ethiopia
Congo Democratic Republic of the Congo
Sudan
Region
Americas
Asia-Pacific
Europe
Middle East and Nort..
Sub-Saharan Africa

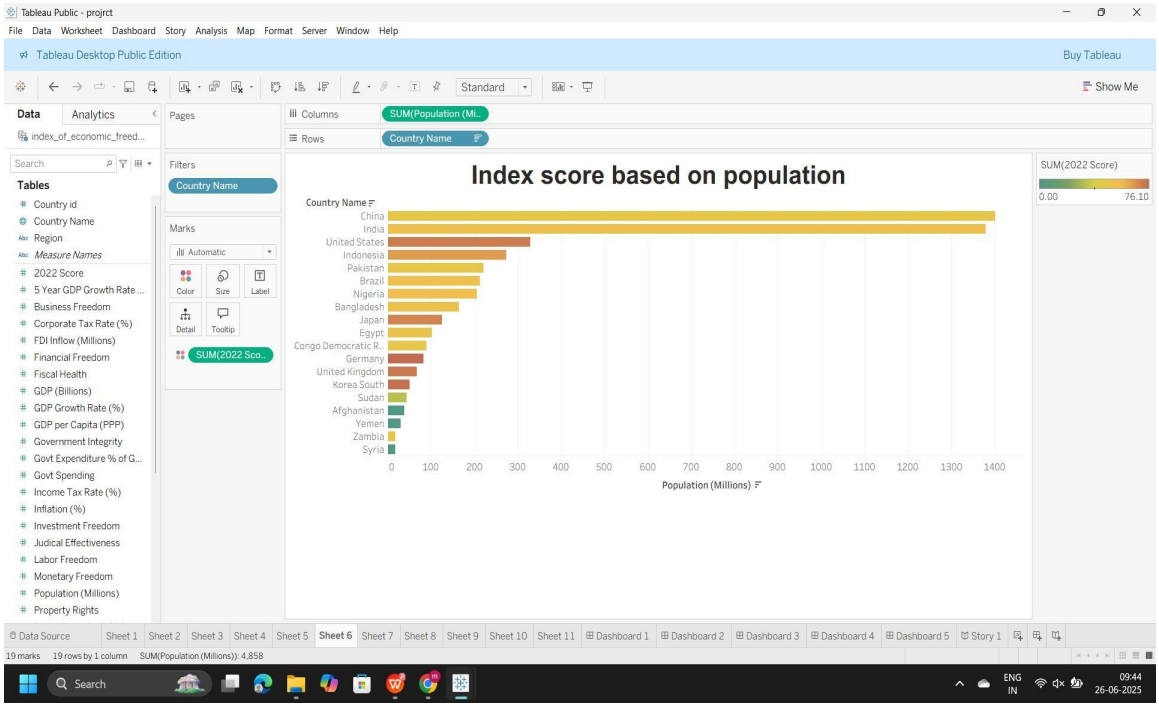


Tableau Public - projrct
Index score based on population
Country Name
China
India
United States
Indonesia
Pakistan
Brazil
Nigeria
Bangladesh
Japan
Egypt
Congo Democratic R..
Germany
United Kingdom
Korea South
Sudan
Afghanistan
Yemen
Zambia
Syria
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
Population (Millions)
SUM(2022 Score)
0.00
76.10

Tableau Public - project
Tableau Desktop Public Edition
Index score based on unemployment rate
Country Name
Unemployment (%)
Region
Americas
Asia-Pacific
Europe
Middle East and Nort..
Sub-Saharan Africa

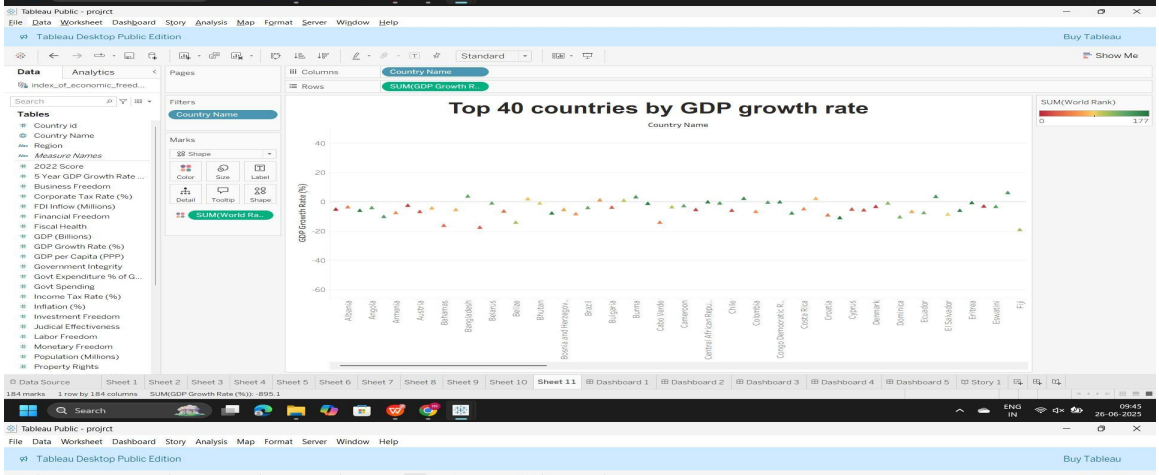


Tableau Public - project
Tableau Desktop Public Edition
Top 40 countries by GDP growth rate
Country Name
GDP Growth Rate (%)
SUM(World Rank)

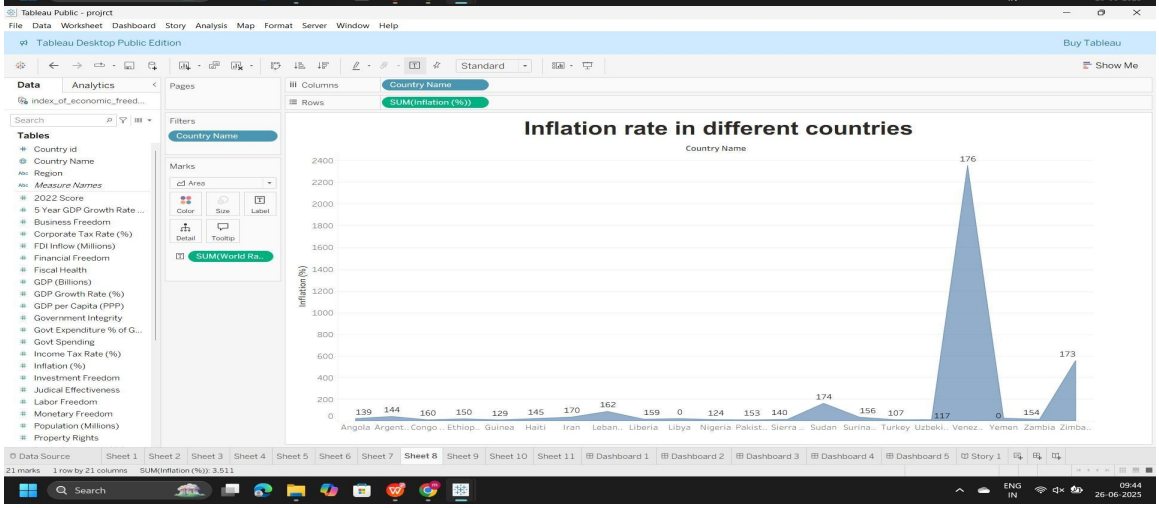
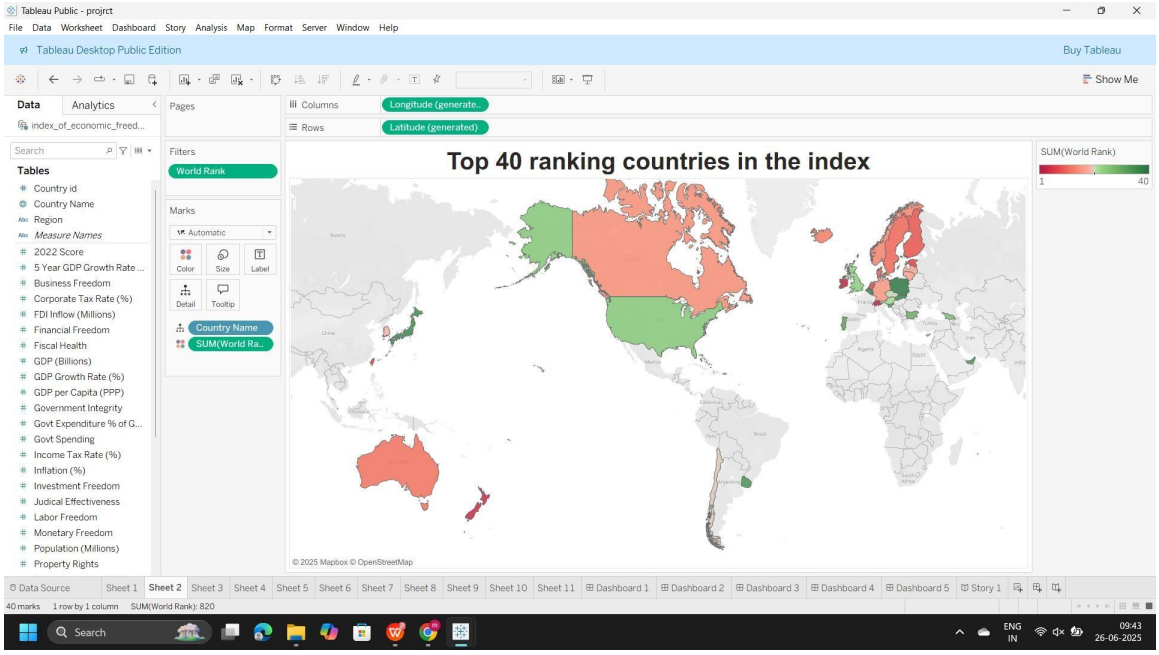
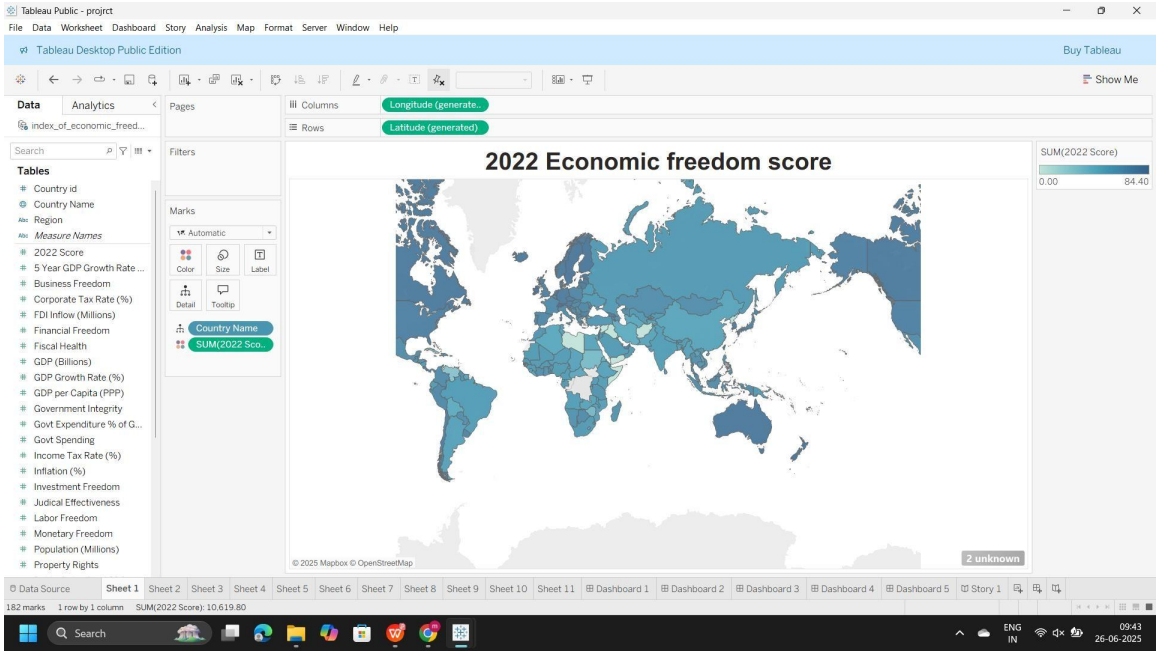


Tableau Public - project
Tableau Desktop Public Edition
Inflation rate in different countries
Country Name
Inflation (%)




```
    <div class='tableauPlaceholder' id='viz1750918482746' style='position:
relative'>
    <noscript><a href='#'>
        <img alt='Dashboard 1 '
```

## 5. Web Integration:

```
        src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;
pr&#47;projrct_17507629000180&#47;Dashboard1&#47;1_rss.png'
         style='border: none' />
       </a>
    </noscript>
    <object class='tableauViz'
     style='display:none;'>
     <param name='host_url'
      value='https%3A%2F%2Fpublic.tableau.com%2F' />
      <param name='embed_code_version' value='3' />
       <param name='site_root' value='' />
       <param name='name' value='projrct_17507629000180&#47;Dashboard1' />
       <param name='tabs' value='no' /><param name='toolbar' value='yes'
/>
       <param name='static_image'
value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;pr&#47;
projrct_17507629000180&#47;Dashboard1&#47;1.png' />
        <param name='animate_transition' value='yes' />
        <param name='display_static_image' value='yes' />
        <param name='display_spinner' value='yes' />
        <param name='display_overlay' value='yes' />
        <param name='display_count' value='yes' />
        <param name='language' value='en-US' />
    </object>
</div>
<script type='text/javascript'> var
divElement =
document.getElementById('viz1750918482746');
var vizElement =
divElement.getElementsByTagName('object')[0]; if
       ( divElement.offsetWidth > 800 )
       { vizElement.style.minWidth='420px';
       vizElement.style.maxWidth='1650px';
       vizElement.style.width='100%';
       vizElement.style.minHeight='587px';
       vizElement.style.maxHeight='887px';
       vizElement.style.height=(divElement.offsetWidth*0.75)+'px';}
       else if ( divElement.offsetWidth > 500 )
       { vizElement.style.minWidth='420px';
       vizElement.style.maxWidth='1650px';
       vizElement.style.width='100%';
       vizElement.style.minHeight='587px';
       vizElement.style.maxHeight='887px';
       vizElement.style.height=(divElement.offsetWidth*0.75)+'px';}
```

```
    else
```

```
         { vizElement.style.width='100%';vizElement.style.height='977px'
                                var scriptElement =
document.createElement('script'); scriptElement.src =
                    'https://public.tableau.com/javascripts/api/viz_v1.js';
                                                vizElement.parentNode.insert
Before(scriptElement, vizElement);
                                                        </script>
```

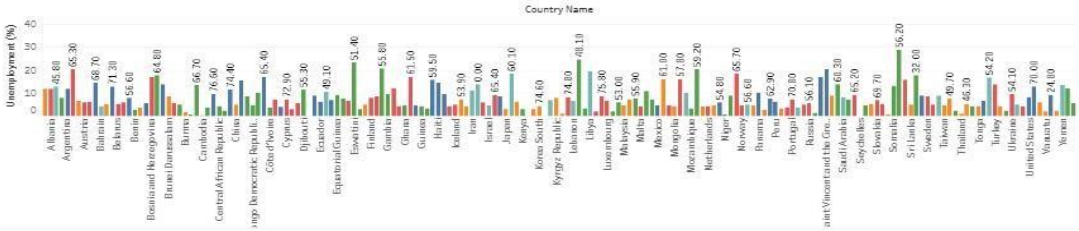
**6. output:**

Next

## Top 40 ranking countries in the index

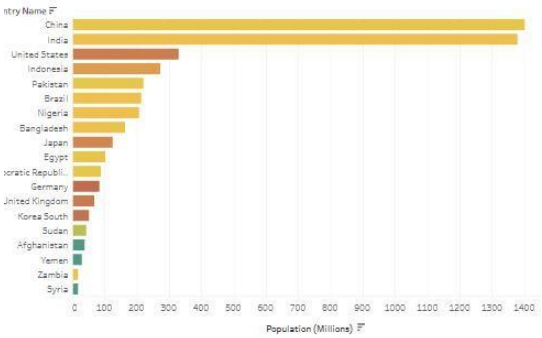
## Bottom ranking countries in the index

## Index score based on unemployment rate

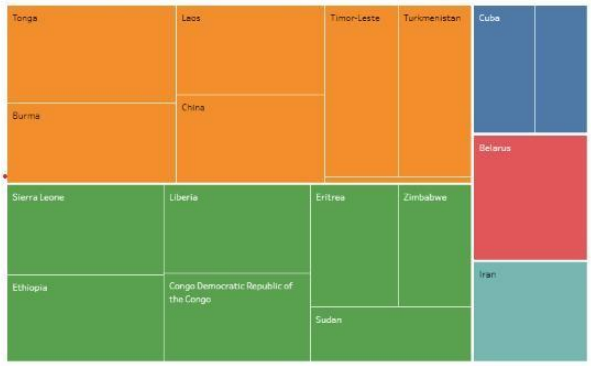



Next

## Index score based on population

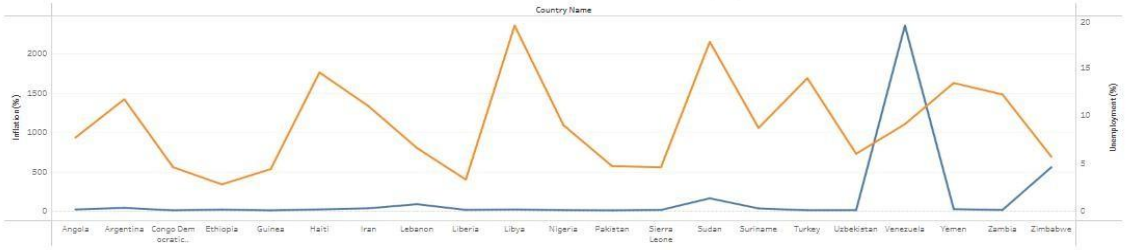



## Index score based on financial freedom

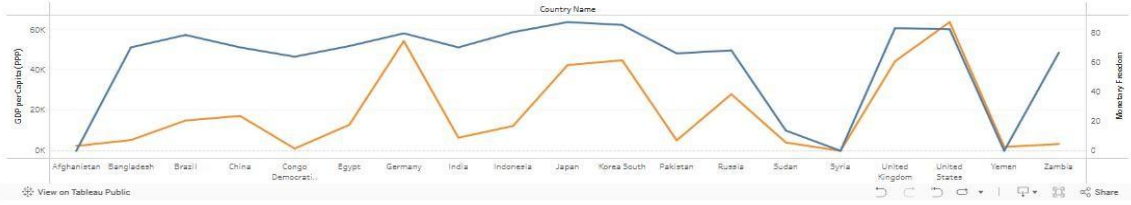


Next

## Correlation between inflation and unemployment




## Correlation between GDP(PPP) and monetary freedom

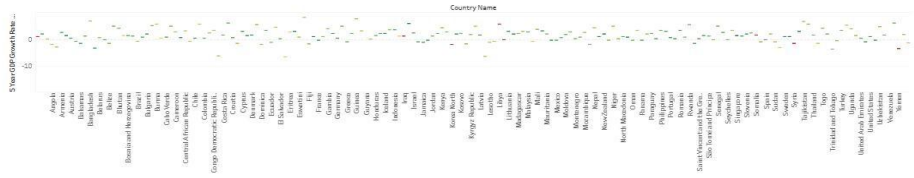



GitHub Repo Summary Request | saidurga320/data-analyst | 127.0.0.1:5500/index.html

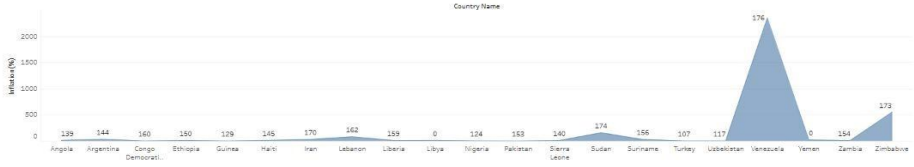
127.0.0.1:5500/index.html

Next

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




## Inflation rate in different countries




Search

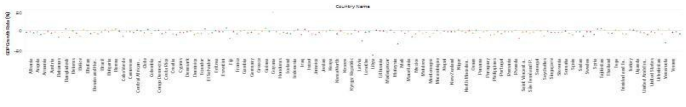
ENG IN 09:56 27-06-2025

GitHub Repo Summary Request | saidurga320/data-analyst | 127.0.0.1:5500/index.html

127.0.0.1:5500/index.html

Return to D1

## Top 40 countries by GDP growth rate




## 2022 Economic freedom score

Search

ENG IN 09:57 27-06-2025

## 7. CONCLUSION:

The Economic Freedom Dashboard project effectively combines the power of Tableau's data visualization capabilities with a responsive HTML framework to create an interactive and insightful web-based analytical tool. By embedding the Tableau dashboard within a web page, users are provided with an accessible way to explore and understand global economic freedom indicators across different countries.