

WELCOME TO MY NAN MUDALVAN PROJECT WORK



**THANK YOU FOR THIS
LEARNING SKILL**

TOPIC :

ECONOMICAL FREEDOM ANALYSIS



Teammates :

Team ID : NM2023TMID25676

Team size : 4

Team leader : K.Priyadharshini

Team member : M.Sunmeenal

Team member : M.Tamilarasi

Team member : K.valli

INTRODUCTION :

Basically for Economic freedom is the fundamental right of every human to control his or her own labor and property. In an economically free society, individuals are free to work, produce, consume, and invest in any way.

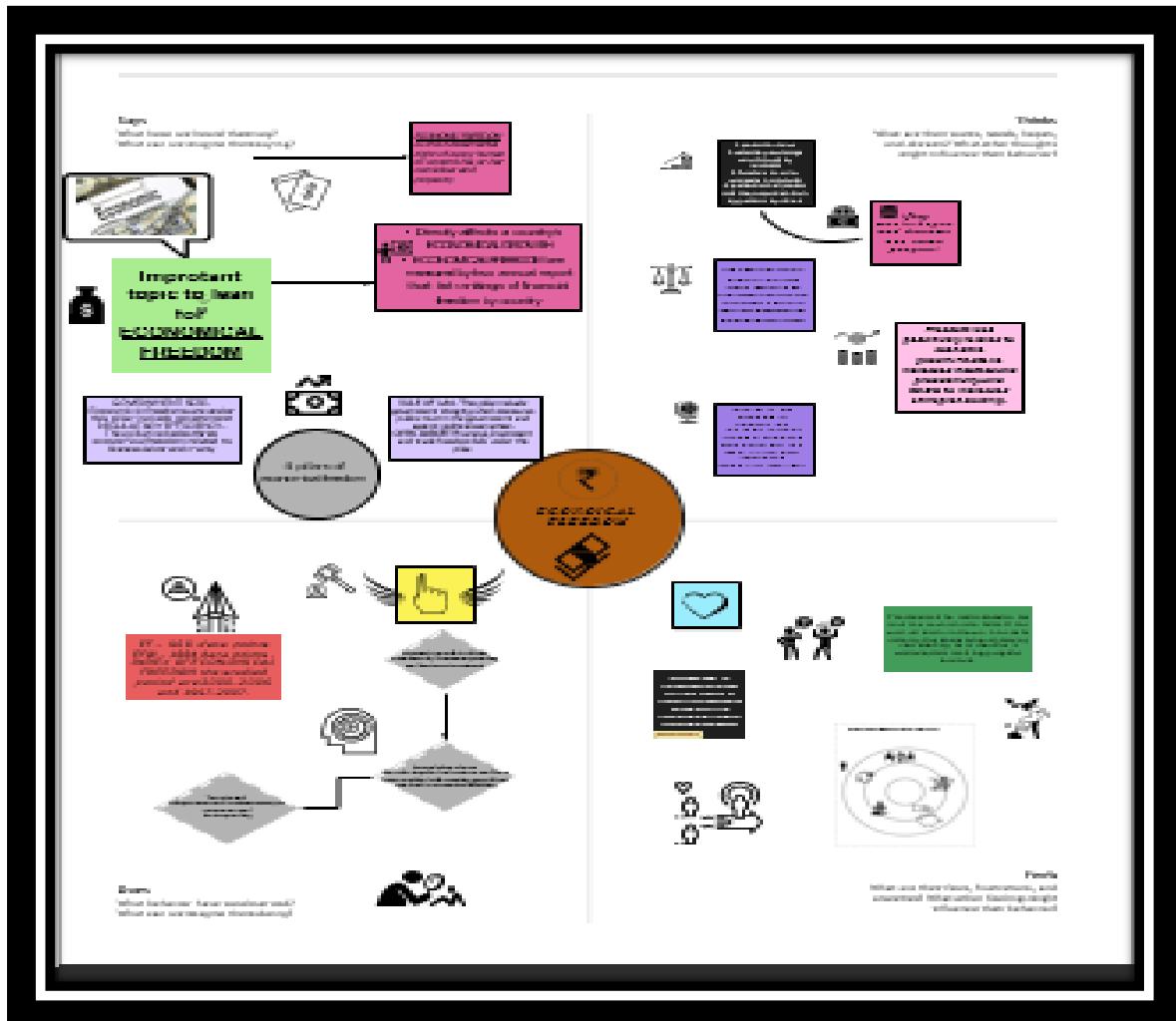
For the basic roots of economical freedom. So that is also non as economical growth level is calculated.

It is my way of knowledge for Economical Freedom Analysis and use to improve our industry or company are expand.

Milestone – 1 :

EMPATHY MAP

- Empathy map is I says, think, dose and feels with Economical freedom.
- I felt to lean by elaborate visualization for as.
- I am lean to a Economical Freedom feature I'm easy to create with empathy map.



Brain storming and idea generation :

- 1. I think this is too good creativity for me.**
- 2. And interesting topic for Economical Freedom.i feel to some own creative topics for my team members.**

Set the goal
Think about the problem you'll be focusing on solving in the brainstorming session.

Learn how to use the facilitation tools
Use the Facilitation Superpowers to run a happy and productive session.

[Open article →](#)

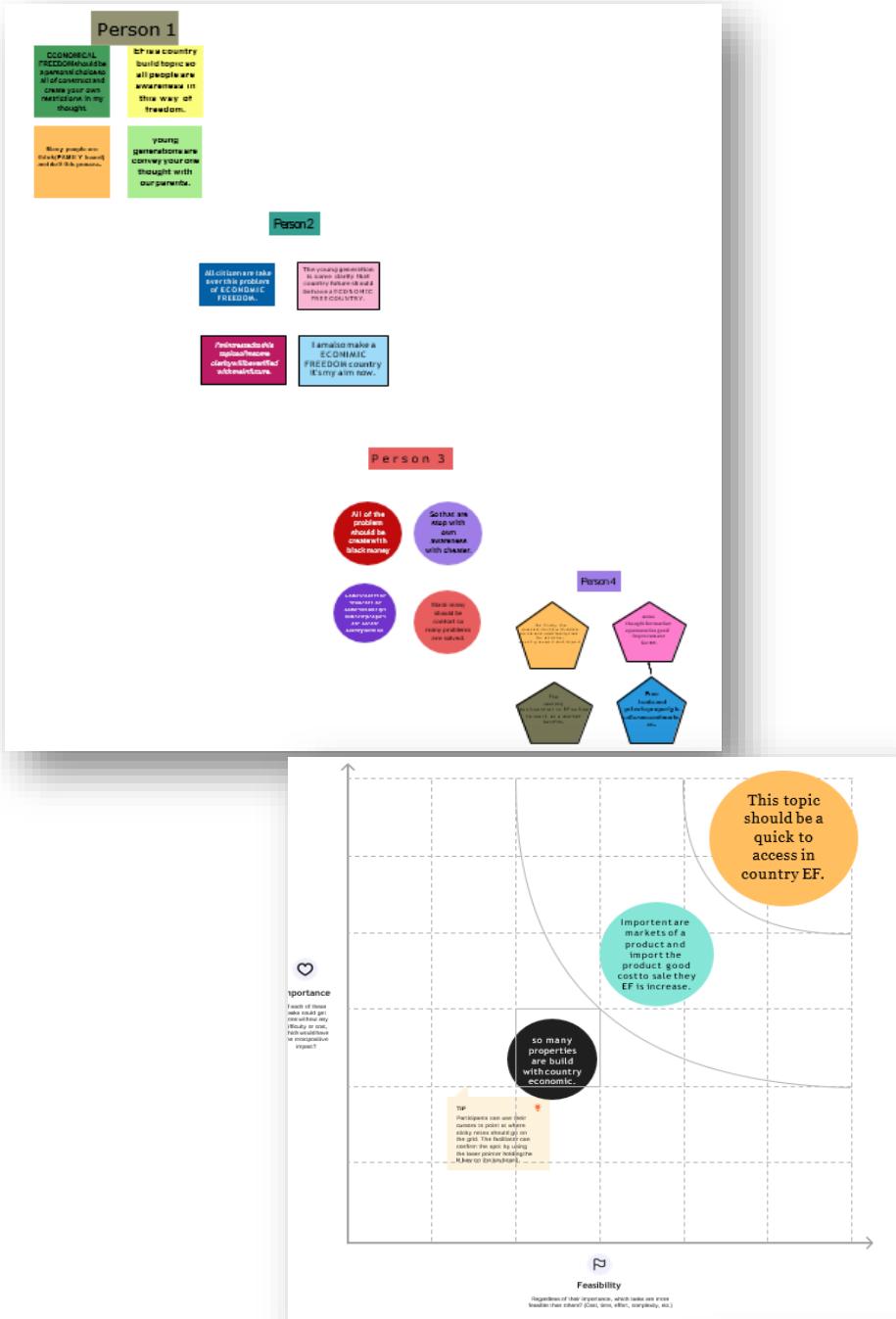
WE ARE INTERESTED THIS ECONOMICAL FREEDOM.
WE ARE IMPROVING IDEAS FOR NEXT PAGE.
IT IS ONLY FOR IMPROVED FOR YOUNGER GENERATION.

Key rules of brainstorming
To run an smooth and productive session

- Stay in topic.**
- Encourage wild ideas.**
- Defer judgment.**
- Listen to others.**
- Go for volume.**
- If possible, be visual.**

We are trying to better idea for Economical Freedom for all Industries.so we will make good ideation

- 3. Some ideas are worth it by task. What me and my team feel for this topic also noted it.**

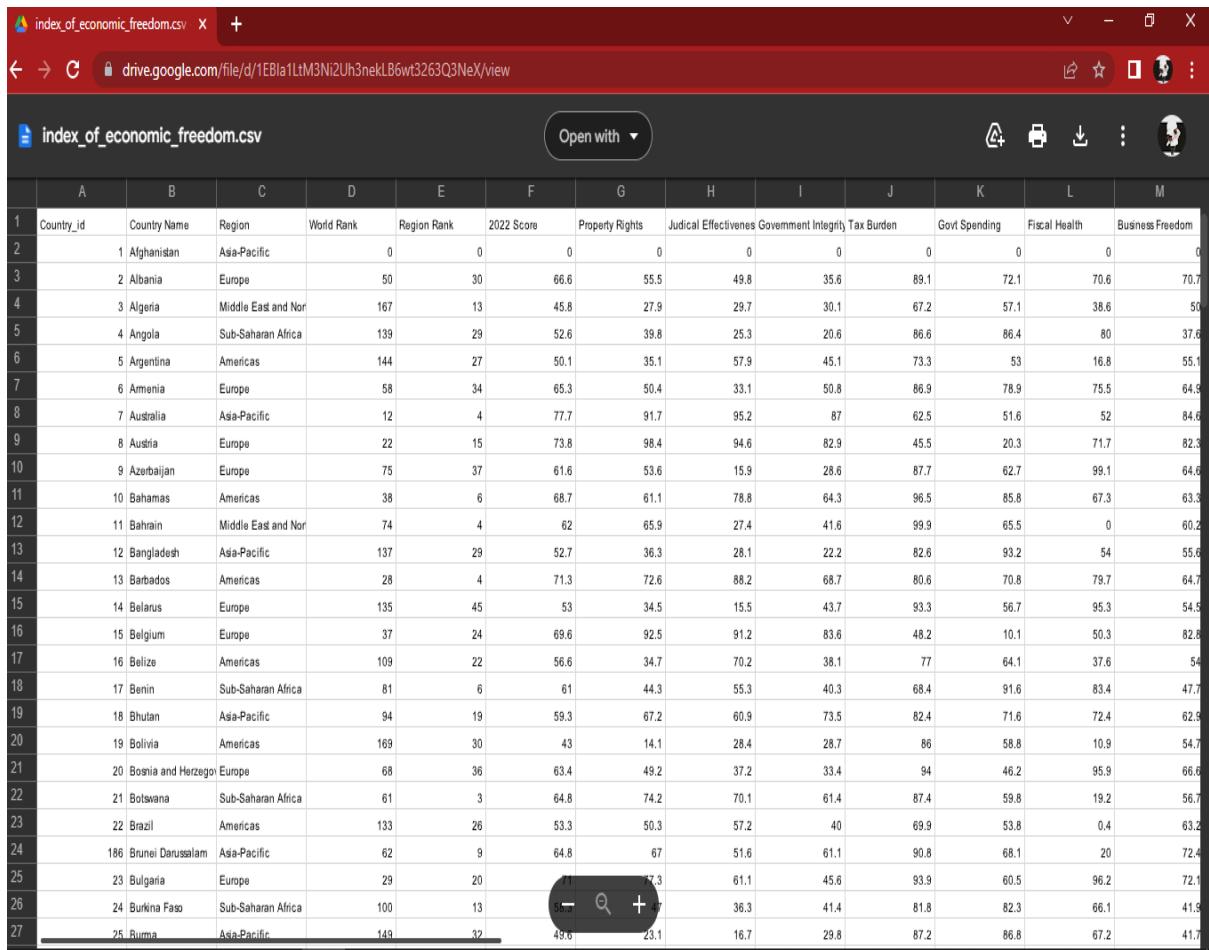


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They are helpful to some points that is young generation should be clarity to awarness for our country economy.

Milestone – 2 : Data collection

This process of the data collection is collecting a data with Economical freedom topic to collect from Nan mudalvan student link for the process to get Data.



The screenshot shows a Google Sheets document with the title "index_of_economic_freedom.csv". The document contains a single sheet with 27 rows of data, each representing a country. The columns are labeled A through M, representing various economic freedom metrics. The data includes Country ID, Name, Region, World Rank, Region Rank, 2022 Score, Property Rights, Judicial Effectiveness, Government Integrity, Tax Burden, Govt Spending, Fiscal Health, and Business Freedom. The last row (Country 27) is partially visible at the bottom.

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Country_id	Country Name	Region	World Rank	Region Rank	2022 Score	Property Rights	Judicial Effectiveness	Government Integrity	Tax Burden	Govt Spending	Fiscal Health	Business Freedom
2	1	Afghanistan	Asia-Pacific	0	0	0	0	0	0	0	0	0	0
3	2	Albania	Europe	50	30	66.6	55.5	49.8	35.6	89.1	72.1	70.6	70.7
4	3	Algeria	Middle East and Nor	167	13	45.8	27.9	29.7	30.1	67.2	57.1	38.6	50
5	4	Angola	Sub-Saharan Africa	139	29	52.6	39.8	25.3	20.6	86.6	86.4	80	37.6
6	5	Argentina	Americas	144	27	50.1	35.1	57.9	45.1	73.3	53	16.8	55.1
7	6	Armenia	Europe	58	34	65.3	50.4	33.1	50.8	86.9	78.9	75.5	64.9
8	7	Australia	Asia-Pacific	12	4	77.7	91.7	95.2	87	62.5	51.6	52	84.6
9	8	Austria	Europe	22	15	73.8	98.4	94.6	82.9	45.5	20.3	71.7	82.3
10	9	Azerbaijan	Europe	75	37	61.6	53.6	15.9	28.6	87.7	62.7	99.1	64.6
11	10	Bahamas	Americas	38	6	68.7	61.1	78.8	64.3	96.5	85.8	67.3	63.3
12	11	Bahrain	Middle East and Nor	74	4	62	65.9	27.4	41.6	99.9	65.5	0	60.2
13	12	Bangladesh	Asia-Pacific	137	29	52.7	36.3	28.1	22.2	82.6	93.2	54	55.6
14	13	Barbados	Americas	28	4	71.3	72.6	88.2	68.7	80.6	70.8	79.7	64.7
15	14	Belarus	Europe	135	45	53	34.5	15.5	43.7	93.3	56.7	95.3	54.5
16	15	Belgium	Europe	37	24	69.6	92.5	91.2	83.6	48.2	10.1	50.3	82.8
17	16	Belize	Americas	109	22	56.6	34.7	70.2	38.1	77	64.1	37.6	54
18	17	Benin	Sub-Saharan Africa	81	6	61	44.3	55.3	40.3	68.4	91.6	83.4	47.7
19	18	Bhutan	Asia-Pacific	94	19	59.3	67.2	60.9	73.5	82.4	71.6	72.4	62.9
20	19	Bolivia	Americas	169	30	43	14.1	28.4	28.7	86	58.8	10.9	54.7
21	20	Bosnia and Herzegov	Europe	68	36	63.4	49.2	37.2	33.4	94	46.2	95.9	66.6
22	21	Botswana	Sub-Saharan Africa	61	3	64.8	74.2	70.1	61.4	87.4	59.8	19.2	56.7
23	22	Brazil	Americas	133	26	53.3	50.3	57.2	40	69.9	53.8	0.4	63.2
24	186	Brunei Darussalam	Asia-Pacific	62	9	64.8	67	51.6	61.1	90.8	68.1	20	72.4
25	23	Bulgaria	Europe	29	20	74.3	67.3	61.1	45.6	93.9	60.5	96.2	72.1
26	24	Burkina Faso	Sub-Saharan Africa	100	13	49.6	36.3	41.4	81.8	82.3	66.1	41.9	
27	25	Burma	Asia-Pacific	149	32	23.1	16.7	29.8	87.2	86.8	67.2	41.7	

Milestone – 3 : Data visualization

Collected Data are connect with any Excel or SQL data based app.

Collected data are prepare the data for visualization.

The screenshot shows the Microsoft Power BI Data Editor interface. On the left, the 'Connections' pane displays a single connection named 'index_of_economic_freedom' from 'Microsoft Excel'. Below it, the 'Sheets' pane lists 'Sheet1' with a note indicating it was cleaned with Data Interpreter. A 'New Union' and 'New Table Extension' option are also present. The main workspace shows 'Sheet1' with 32 fields and 184 rows. A preview grid is visible above the table, and a message 'Need more data?' with a 'Drag tables here to relate them.' instruction is displayed. The table itself has columns: #, Name, Fields, Type, Field Name, Physical Table, and Remote. The first five rows of data are:

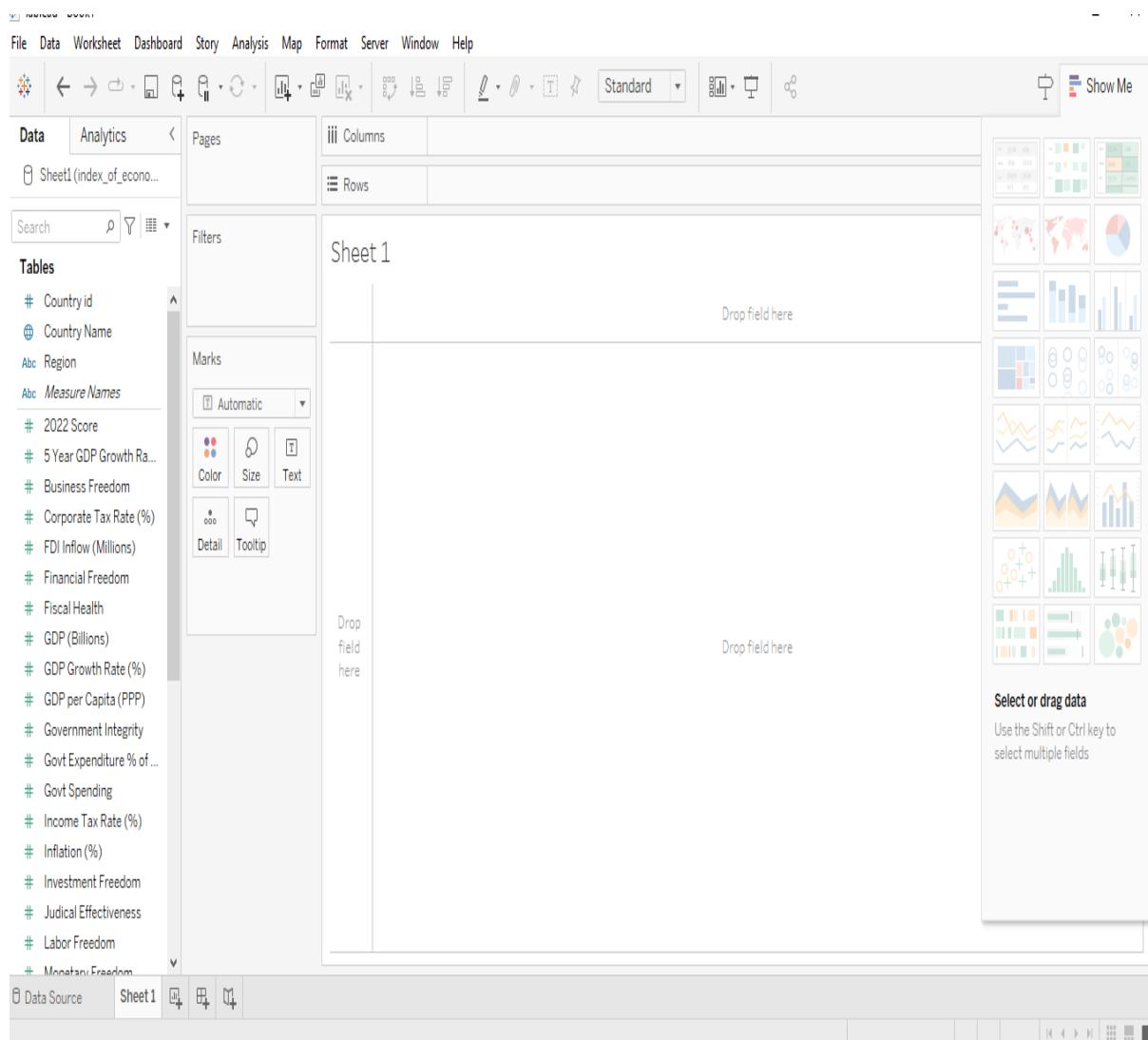
#	Name	Fields	Type	Field Name	Physical Table	Remote
1	Afghanistan	Sheet1	Country id	Sheet1	Sheet1	Asia-Pacific
2	Albania	Sheet1			Sheet1	Europe
3	Algeria	Sheet1			Sheet1	Middle East and North Africa
4	Angola	Sheet1			Sheet1	Sub-Saharan Africa

Milestone – 4 : Data visualization

Collect → prepare → visualization

That data are include with Tableau ,

Tableau are create to prepare sheet use for that data.



2022 Economic Freedom score

First sheet should be country VS 2022
Economic Freedom Score Data visualization for EF
data index.

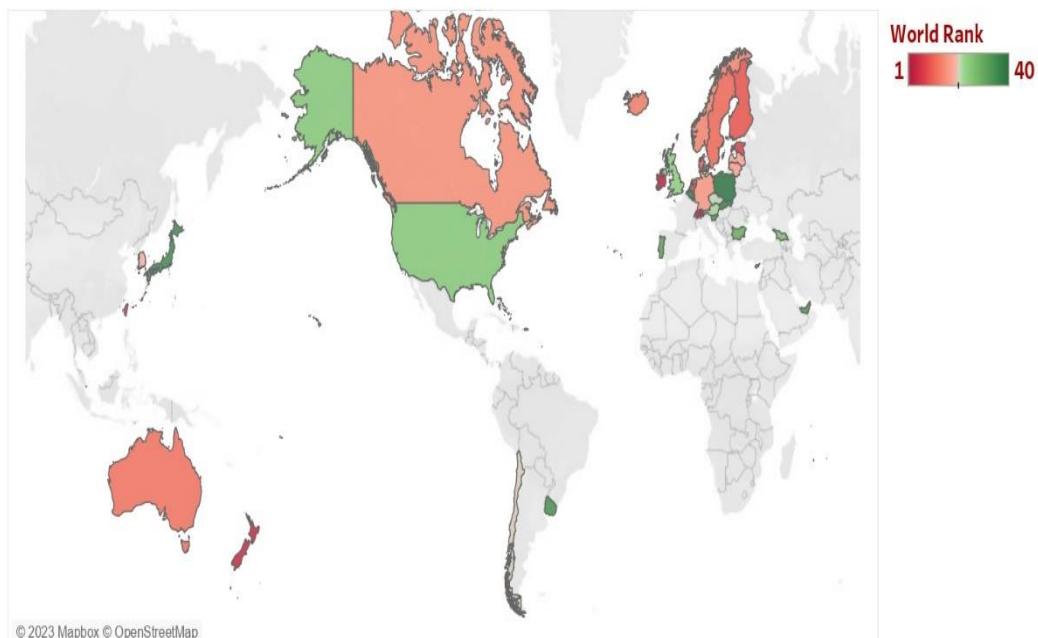


Map based on Longitude (generated) and Latitude (generated). Color shows sum of 2022 Score. Details are shown for Country Name. The view is filtered on Latitude (generated) and Longitude (generated). The Latitude (generated) filter keeps non-Null values only. The Longitude (generated) filter keeps non-Null values only.

Top 40 Ranking Countries in the Index

Various colour for the high to low of the ranking countries with here that is easy to identify some country level.

Top 40 Ranking Countries in the Index

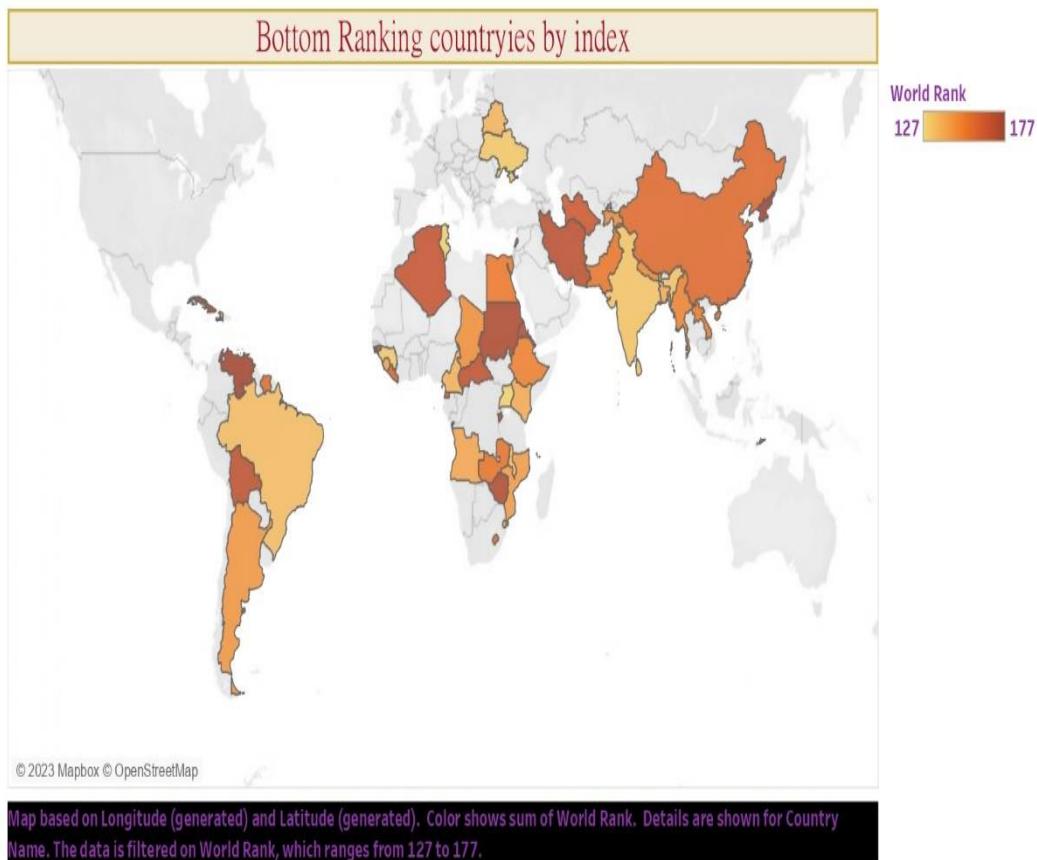


© 2023 Mapbox © OpenStreetMap

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.

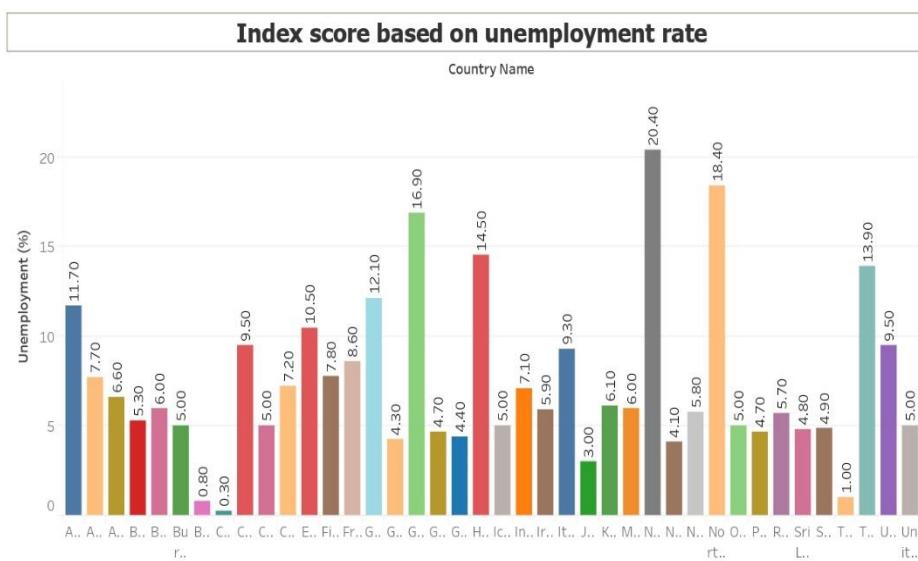
Bottom ranking countries by index

Index for bottom countries with increasing and decreasing are noted with this geometry way.



Index score based on unemployment

Randomly selected countries have a unemployment rating they are sheeted with index scoring based.



Sum of Unemployment (%) for each Country Name. Color shows details about Country Name. The view is filtered on Country Name, which keeps 47 of 184 members.

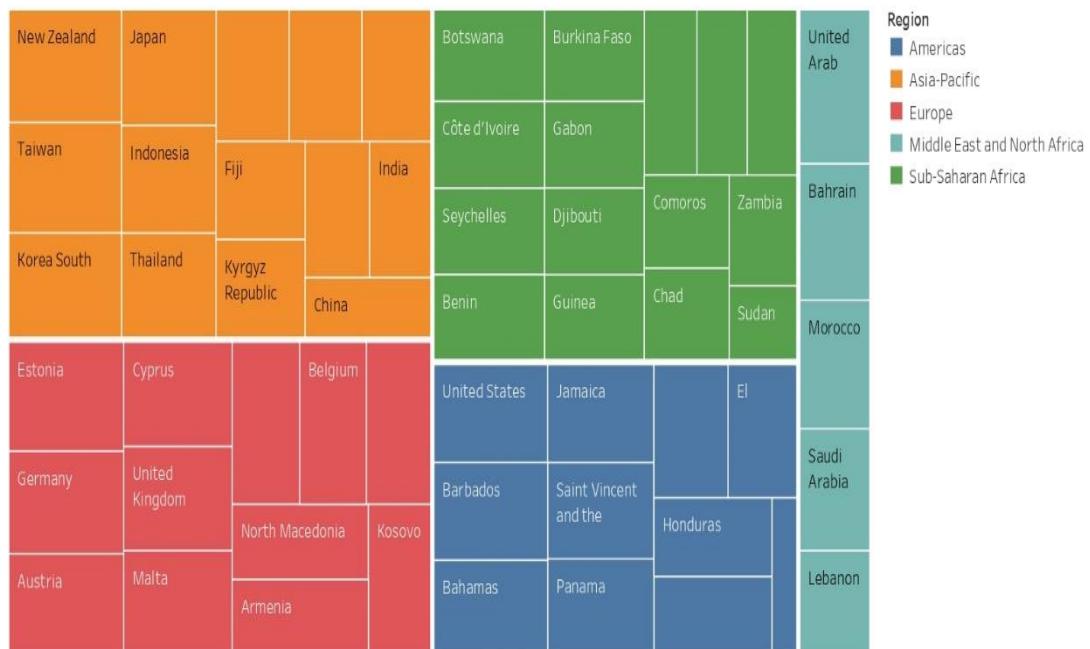


Sum of Unemployment (%) for each Country Name. Color shows details about Country Name. The view is filtered on Country N members.

Index of score based on Financial freedom

Financial freedom should be important role with all of countries and regions that is created with good ECONOMIC FREEDOM.

Index score based on financial freedom

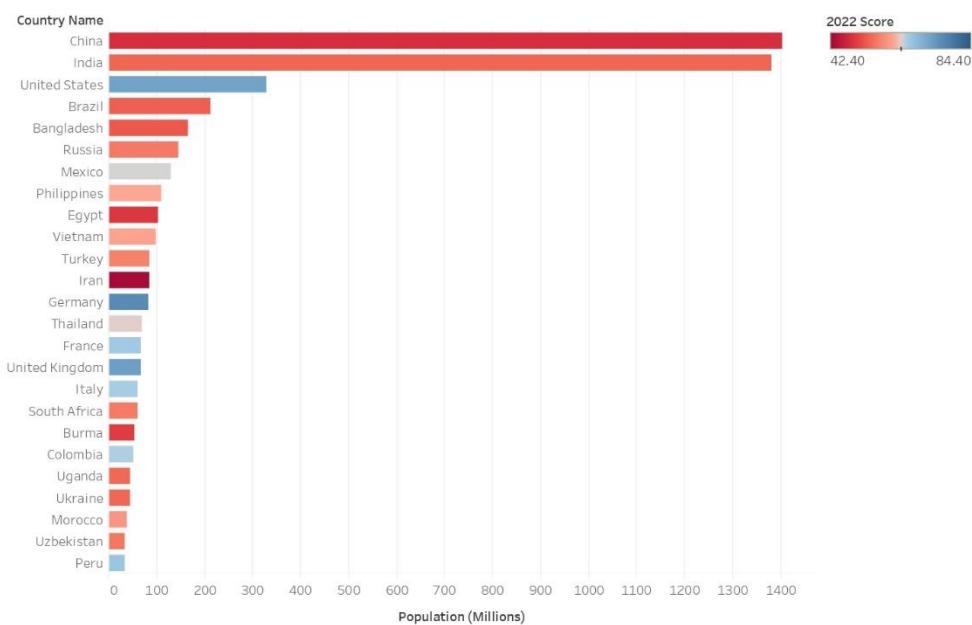


Country Name. Color shows details about Region. Size shows sum of 2022 Score. The marks are labeled by Country Name. The view is filtered on Country Name, which keeps 61 of 184 members.

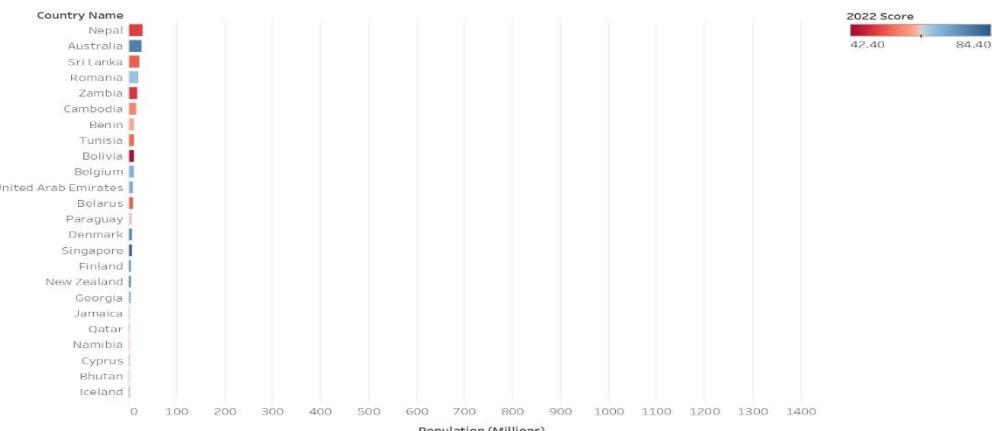
Index score based on population

Economic freedom based to bild from the peoples increase or decrease property so that the index score based on population.

Index score based on population



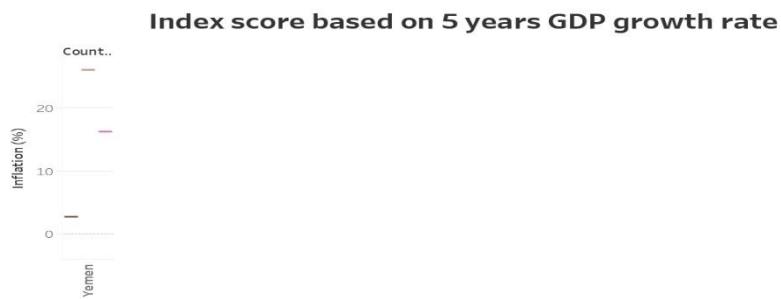
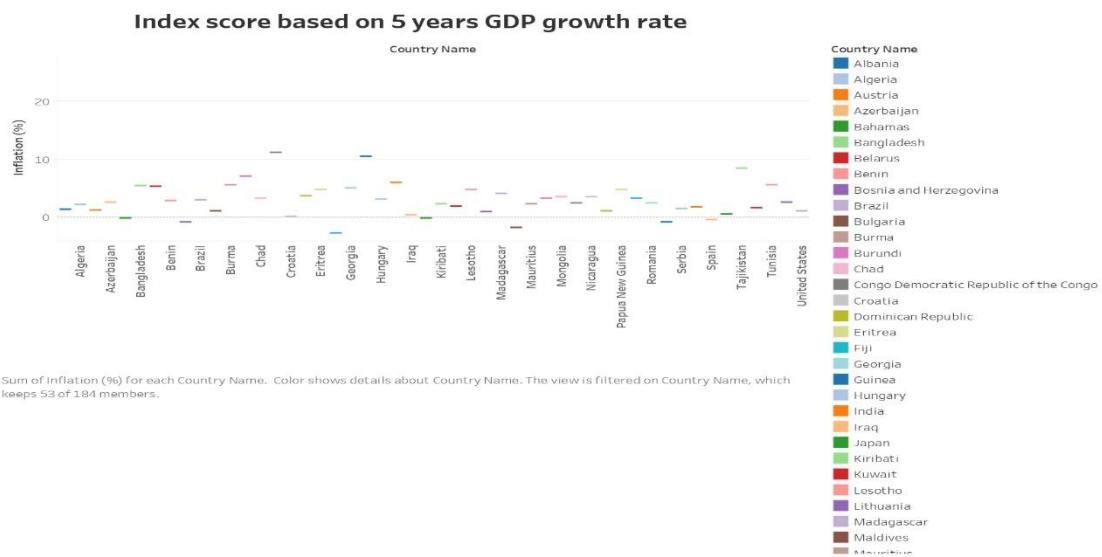
Sum of Population (Millions) for each Country Name. Color shows sum of 2022 Score. The view is filtered on Country Name and sum of 2022 Score. The Country Name filter keeps 49 of 184 members. The sum of 2022 Score filter includes values less than or equal to 84.40.



Sum of Population (Millions) for each Country Name. Color shows sum of 2022 Score. The view is filtered on Country Name and sum of 2022 Score. The Country Name filter keeps 49 of 184 members. The sum of 2022 Score filter includes values less than or equal to 84.40.

Index score based on 5 years GDP growth rate

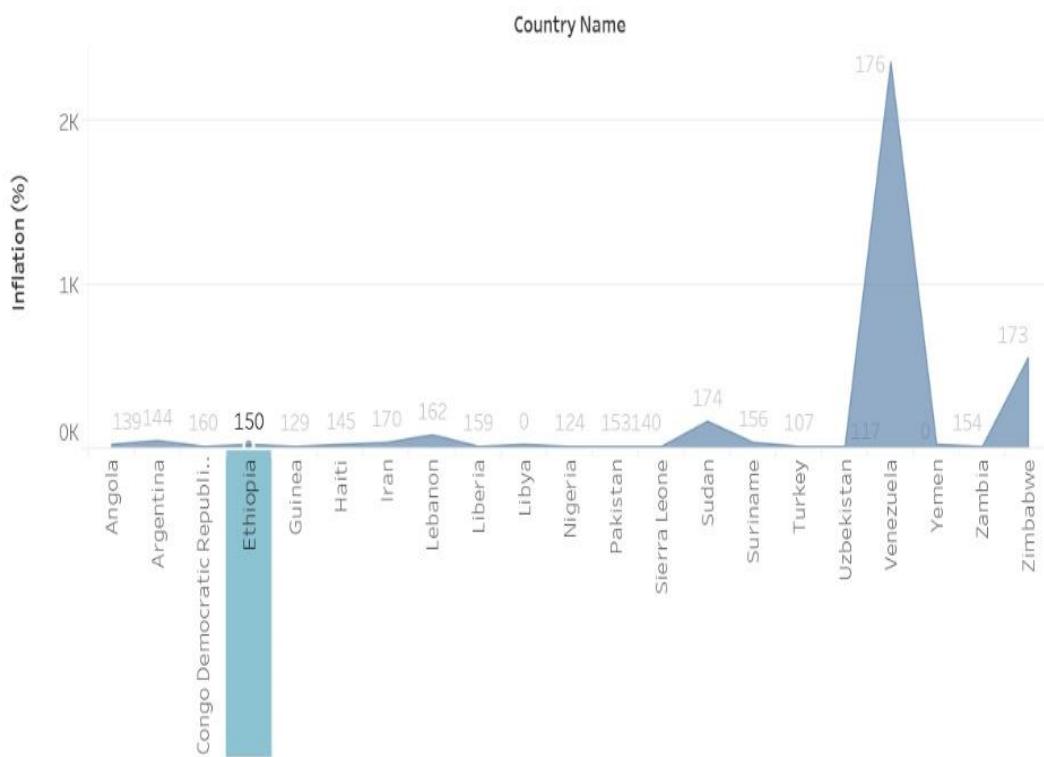
Economic freedom rating deside to most common for Gross domestic product (GDP) for based as 5 years of index score.



Inflation rate in different countries

The rate of EF is increasing in prices increasing over time are inflation. There is meant by cost of living in a country rating will be measured.

Inflation rate in different countries



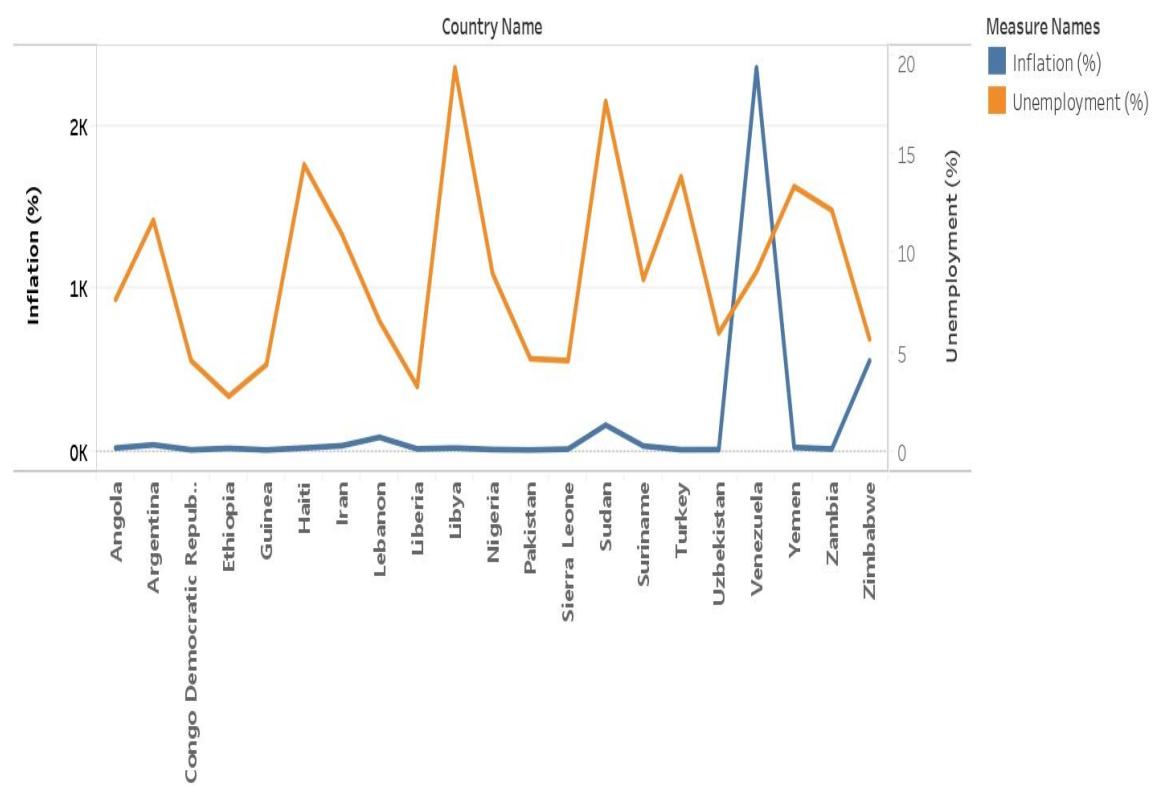
Sum of Inflation (%) for each Country Name. The marks are labeled by sum of World Rank. The view is filtered on Country Name, which keeps 21 of 184 members.

Correlation between inflation and unemployment

Increasing or decreasing from the correlation and unemployment correlation . that Is increase EF should be increasing for unemployment.

Industries, financial, investment also increase.

correlation between inflation and unemployment

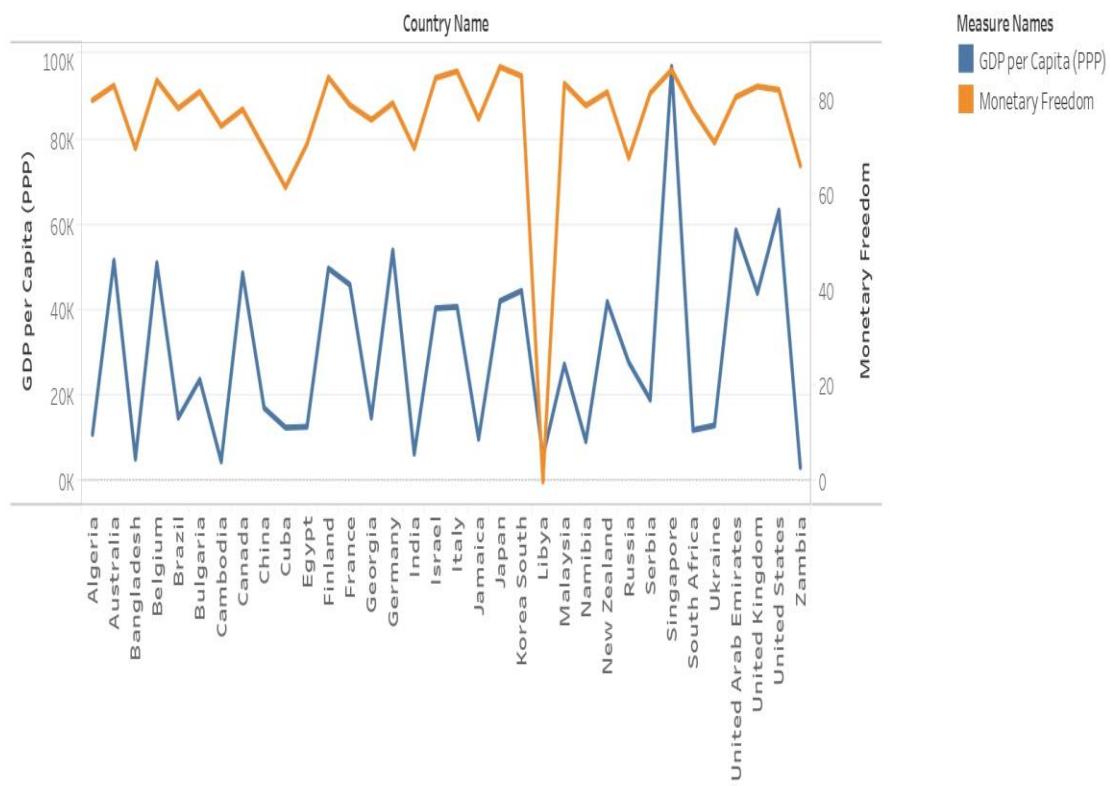


The trends of Inflation (%) and Unemployment (%) for Country Name. Color shows details about Inflation (%) and Unemployment (%). The view is filtered on Country Name, which keeps 21 of 184 members.

Correlation between GDP (PPP) monetary freedom

Correlation between GDP compared and countries are compared for the different countries.sum of price control that is called monetary freedom for microeconomic intervention ideal market.

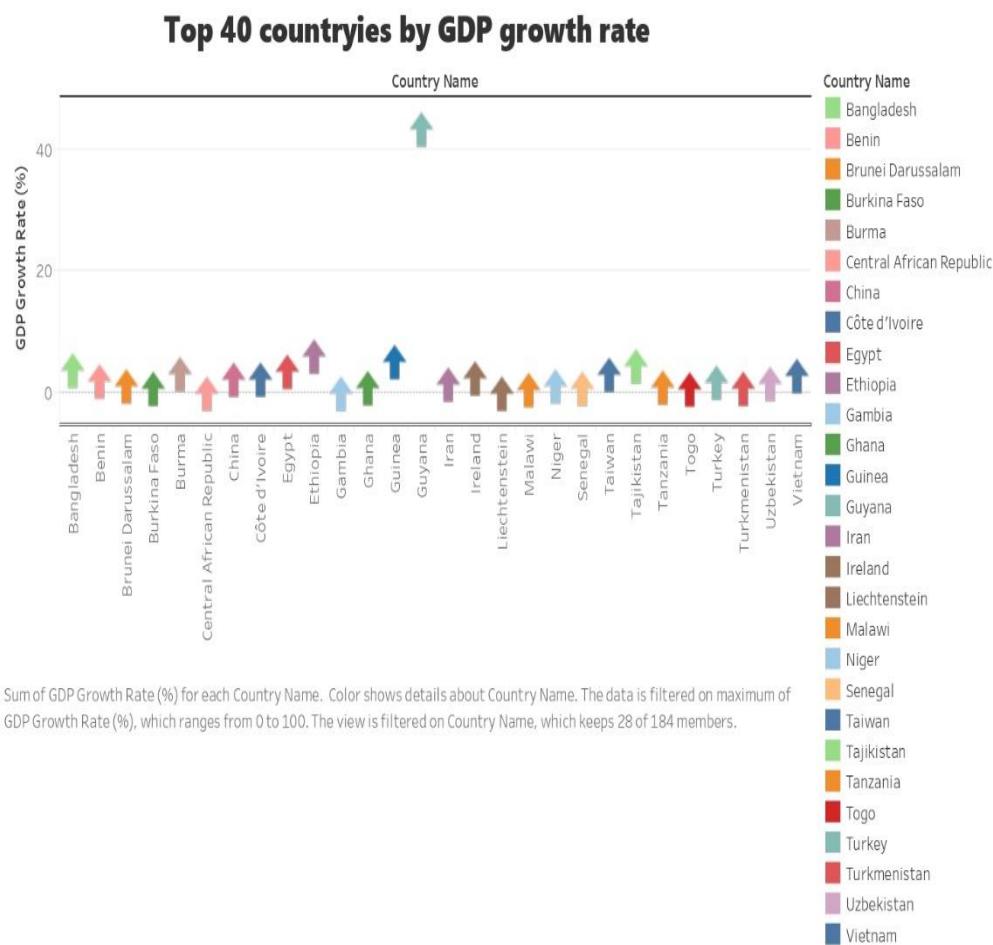
Correlation between GDP(PPP) and monetary freedom



The trends of GDP per Capita (PPP) and Monetary Freedom for Country Name. Color shows details about GDP per Capita (PPP) and Monetary Freedom. The view is filtered on Country Name, which keeps 34 of 184 members.

Top 40 countries by GDP growth rate

Gross Domestic product are mostly abbreviated from the newspaper, television news or government reports. So that the top 40 countries growth rate with GDP.



Bottom 40 countries by GDP growth rate

As same as for the Bottom countries are marked to growth are directed for the GDP level to noted.so this data should be used.

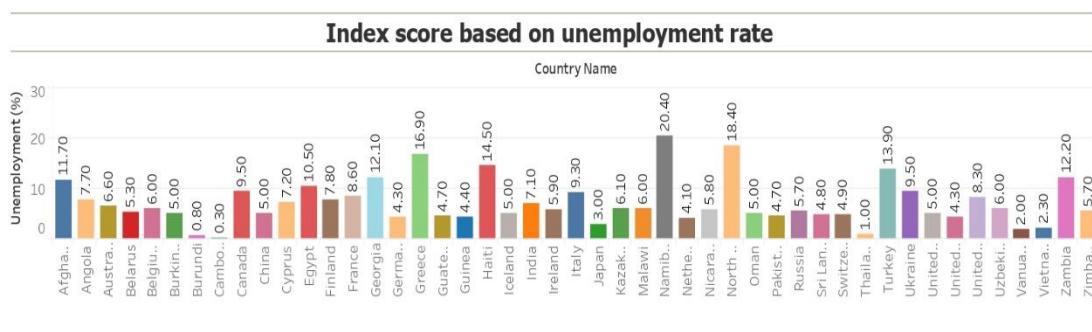
S-12 | Bottom 40 countries by GDP Growth rate



Milestone – 5 : Dashboard

Dashboard is a sheets are merged for Economic freedom topic for tableau creasion. That is to be easy to Conway it.

Three sheets are merged from 2022 economic freedom score Index score based on unemployment rates are below for country counts.



Dash 1

Dashboard - 2 :

**Unemployment rate index scoring
in country level calculated and top and bottom
countries are index from here.**

Next

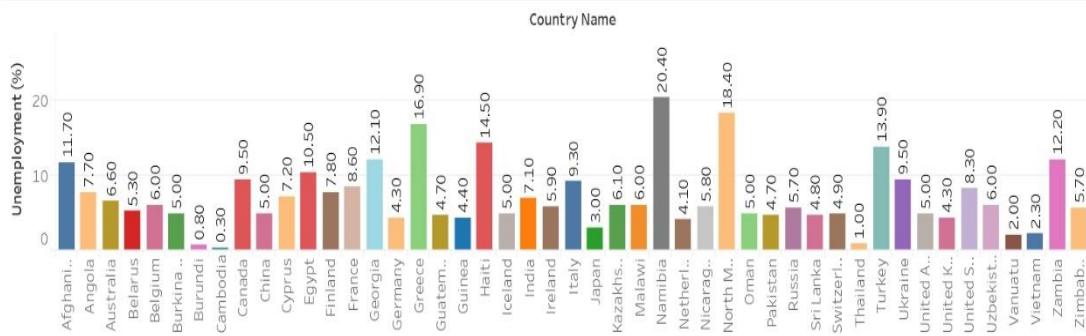
Top 40 Ranking Countries in the Index



Bottom Ranking countries by index



Index score based on unemployment rate

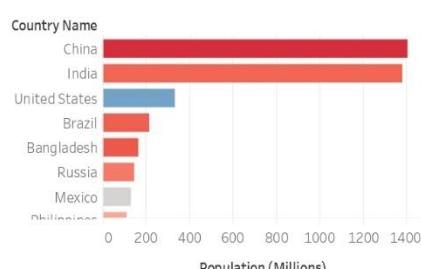


Dashboard – 3 :

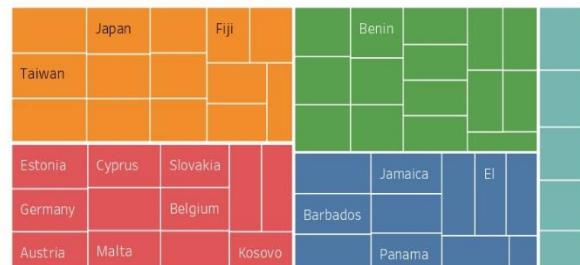
Economic freedom based to create the score for population, financial freedom there are create with 20022 economic freedom scoring.

Next

Index score based on population



Index score based on financial freedom



2022 Economical Freedom score



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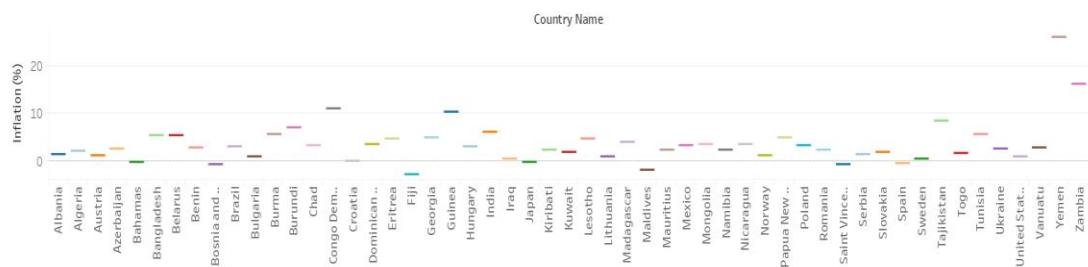
Dashboard – 4 :

Inflation for mostly used to a TV news,newspaper are to be noted to EF rating defined

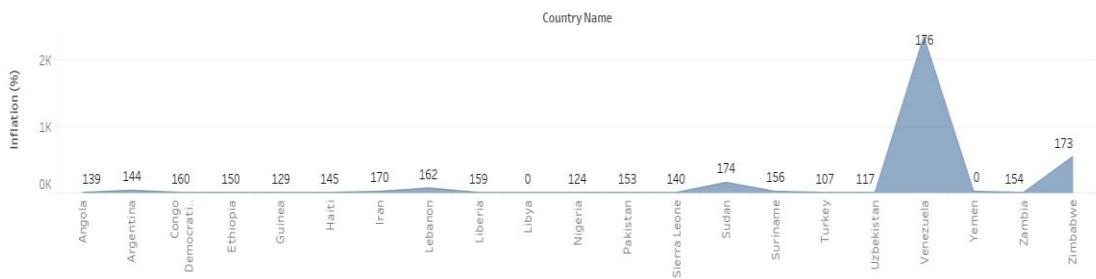
From data. So index score on 5 years GDP growth are combined with this dashboard.

Next

Index score based on 5 years GDP growth rate



Inflation rate in different countries

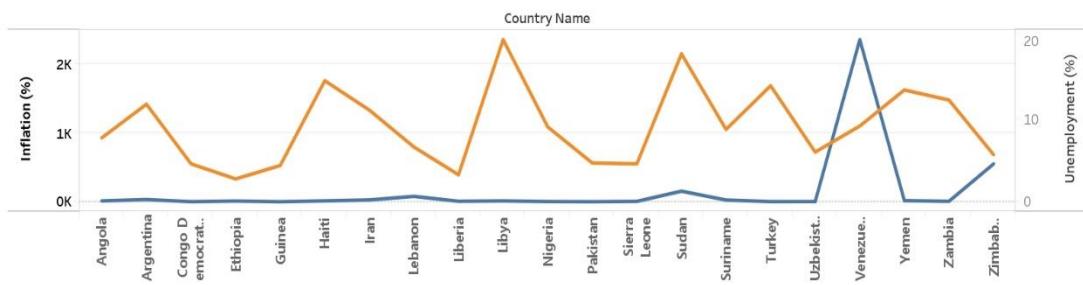


Dashboard – 5 :

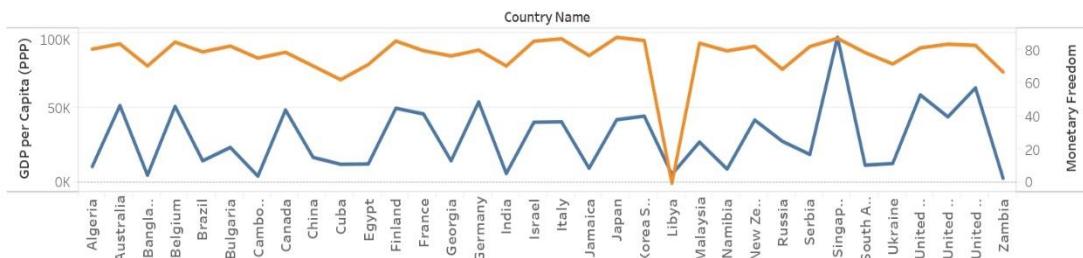
Correlation between inflation and unemployment ,correlation between GDP (PPP) and monetary freedom for this dashboard that is easy to visit and analysing.

Next

correlation between inflation and unemployment



Correlation between GDP(PPP) and monetary freedom

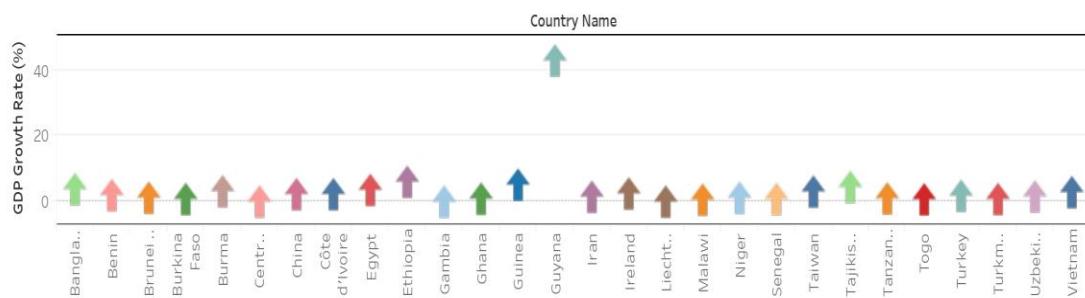


Dashboard – 6 :

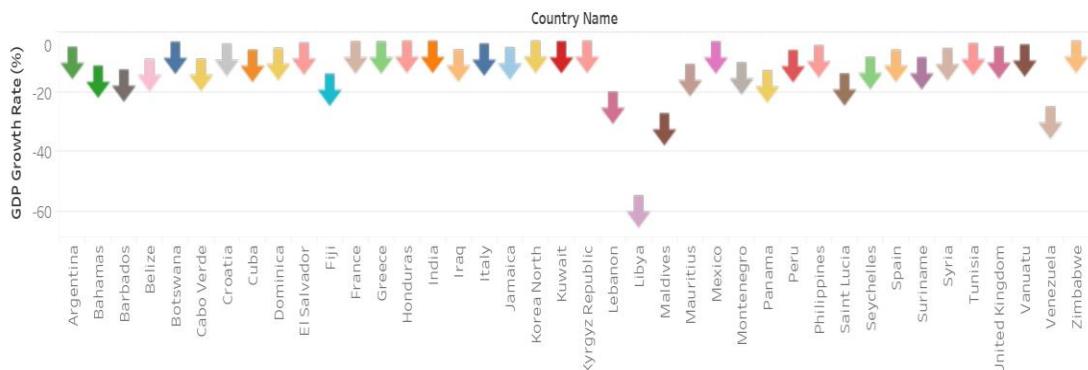
Top and Bottom countries GDP –
Gross Domestic percapita for the data for country
wise Bottom and Top are shown here.

Next

Top 40 countries by GDP growth rate



S-12 | Bottom 40 countries by GDP Growth rate

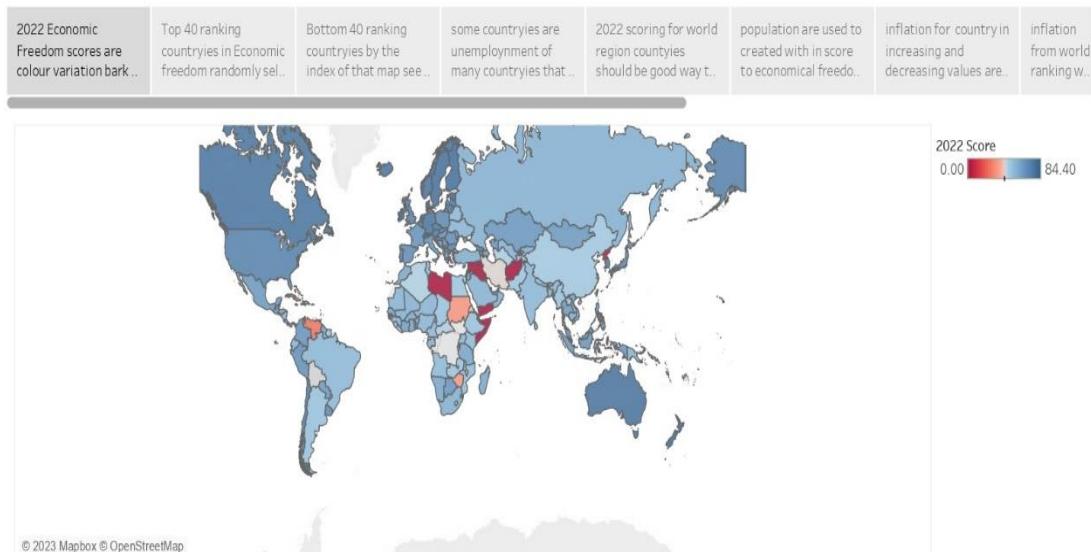


Milestone - 6 :

Story - Sheet - 1

Story for 2022 Economic freedom scores are important to be every country analysis for increasing ideas are constructed to be used.

s-1| For a all sheet story written

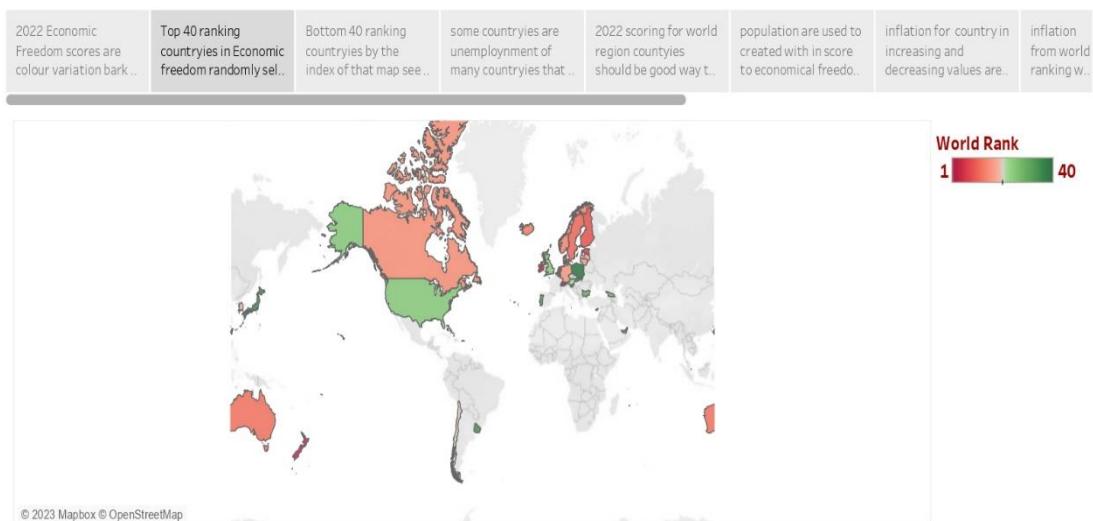


Story - 1

Sheet -2

Top 40 countries ranking for financial freedom it's also used for analysing purpose they are used to improve all countries ranking.

s-1| For a all sheet story written

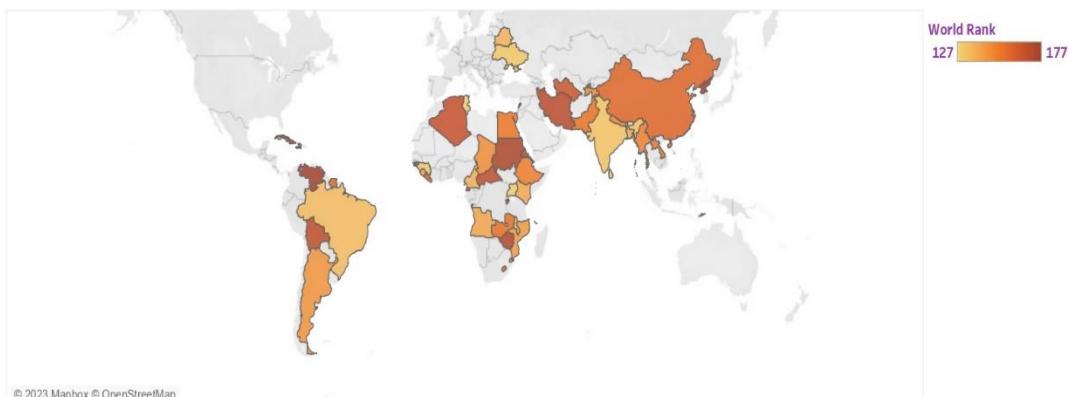


Story - Sheet - 3

Bottom 40 countries below for over improving level and economic freedom to be index should be noted to a analysis story.

s-1| For a all sheet story written

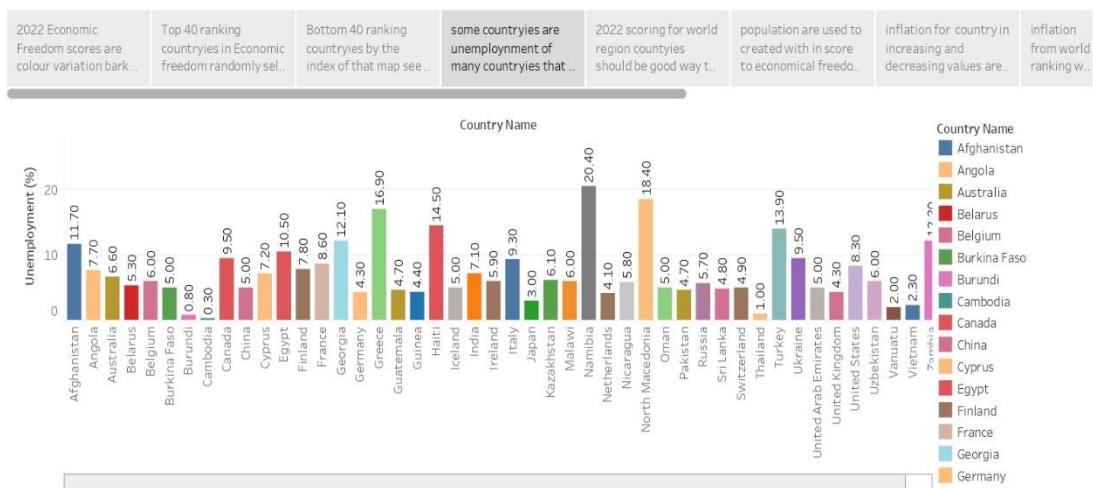
2022 Economic Freedom scores are colour variation bark..	Top 40 ranking countries in Economic freedom randomly sel..	Bottom 40 ranking countries by the index of that map see..	some countries are unemployment of many countries that..	2022 scoring for world region counties should be good way t..	population are used to created with in score to economical freedo..	inflation for country in increasing and decreasing values are..	inflation from world ranking w..
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Story - Sheet - 4

Unemployment level are some countries level should be constructed for this horizontdal bar increasing and decreasing level in here.

s-1| For a all sheet story written

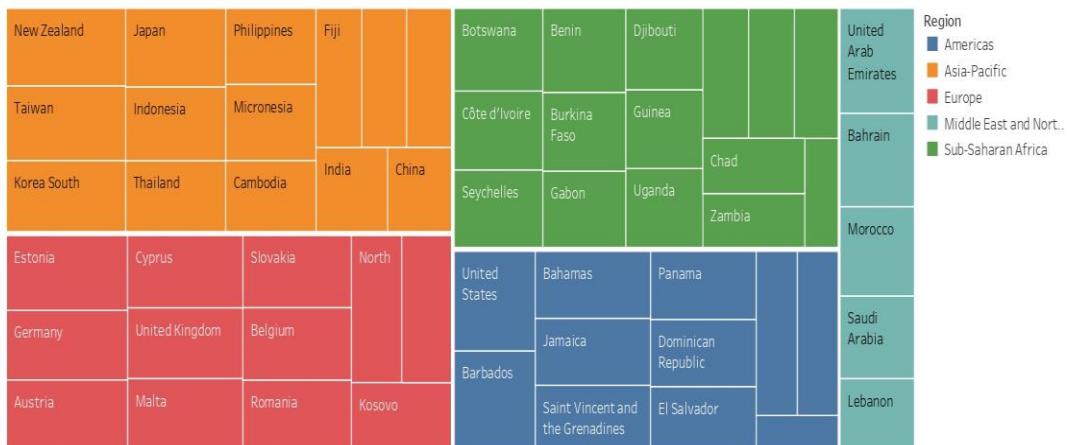


Story - Sheet - 5

2022 index scoring for region wise countries for us some region growth is increasing or decreasing that is easy to analysis for them.

s-1| For a all sheet story written

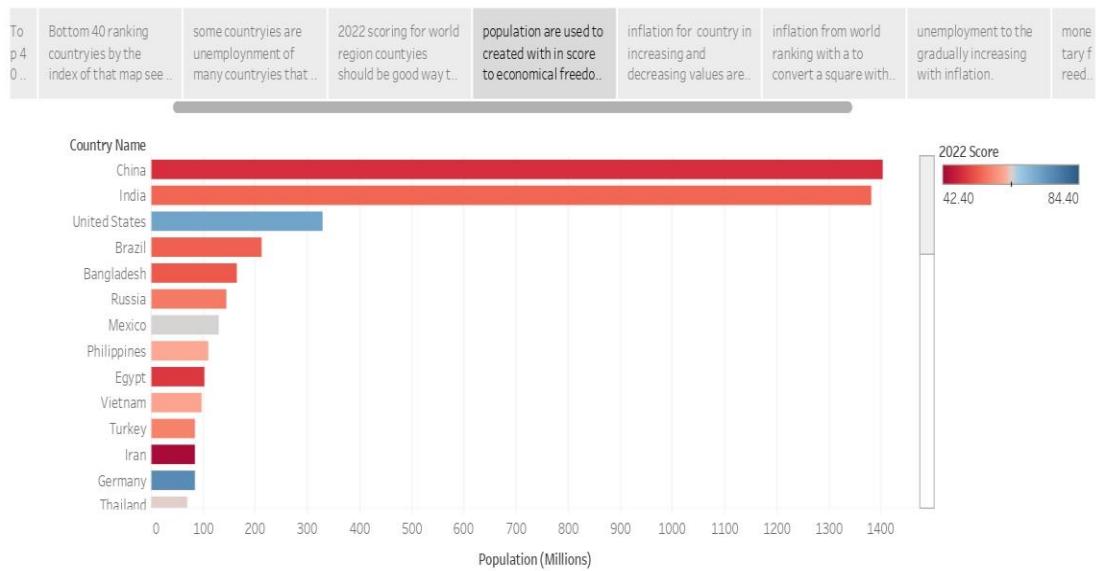
20 22 E..	Top 40 ranking countries in Economic freedom randomly sel..	Bottom 40 ranking countries by the index of that map see ..	some countries are unemployment of many countries that..	2022 scoring for world region countysies should be good way t..	population are used to created with in score to economical freedo..	inflation for country in increasing and decreasing values are..	inflation from world ranking with a to convert a square with..	unem ploym ent t..
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Story - Sheet - 6

Population for creating to be economic freedom for all of countries level are noted.

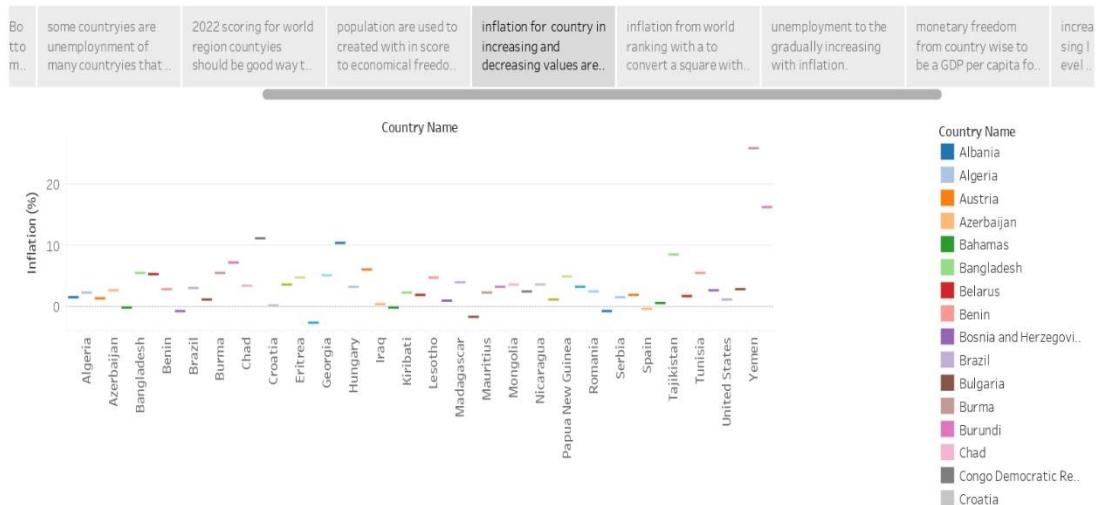
s-1| For a all sheet story written



Story – sheet – 7

Inflation for countries with in to be created data with the countries ranking level.

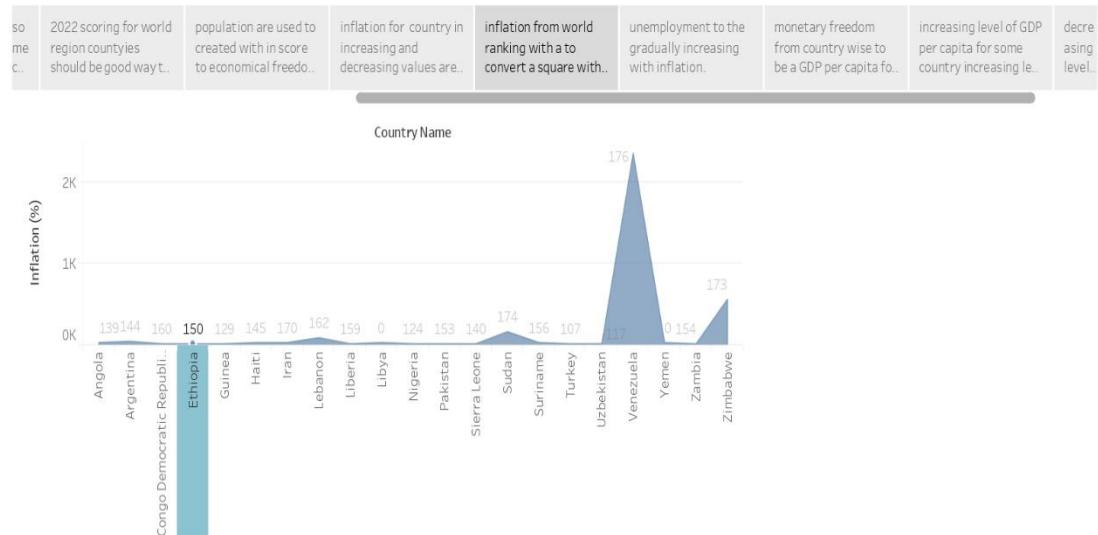
s-1| For a all sheet story written



Story – sheet – 8

All inflation shoul be a improve with our economic level for country.

s-1| For a all sheet story written

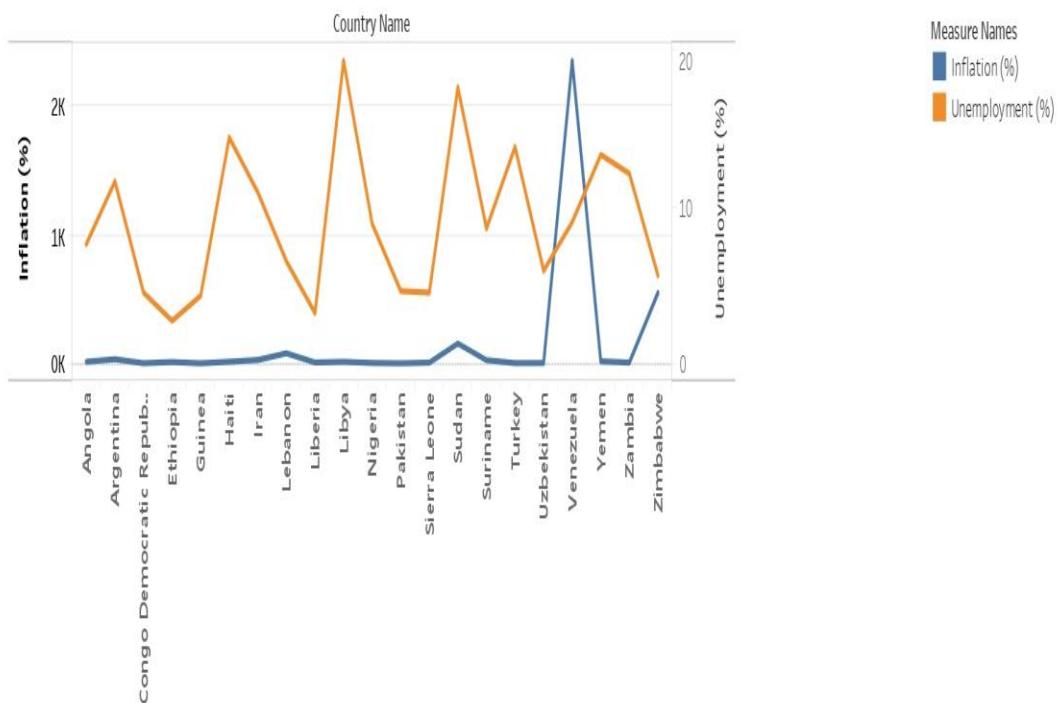


Story – sheet – 9

Unemployment are damage for economic freedom level so that is important one of the economic Freedom level of increasing.

s-1| For a all sheet story written

2022 scoring for world regi..	population are used to created with in score to economical freedo..	inflation for country in increasing and decreasing values are..	inflation from world ranking with a to convert a square with..	unemployment to the gradually increasing with inflation.	monetary freedom from country wise to be a GDP per capita fo..	increasing level of GDP per capita for some country increasing i.e..	decreasing level for GDP per capita by some countries . to f..
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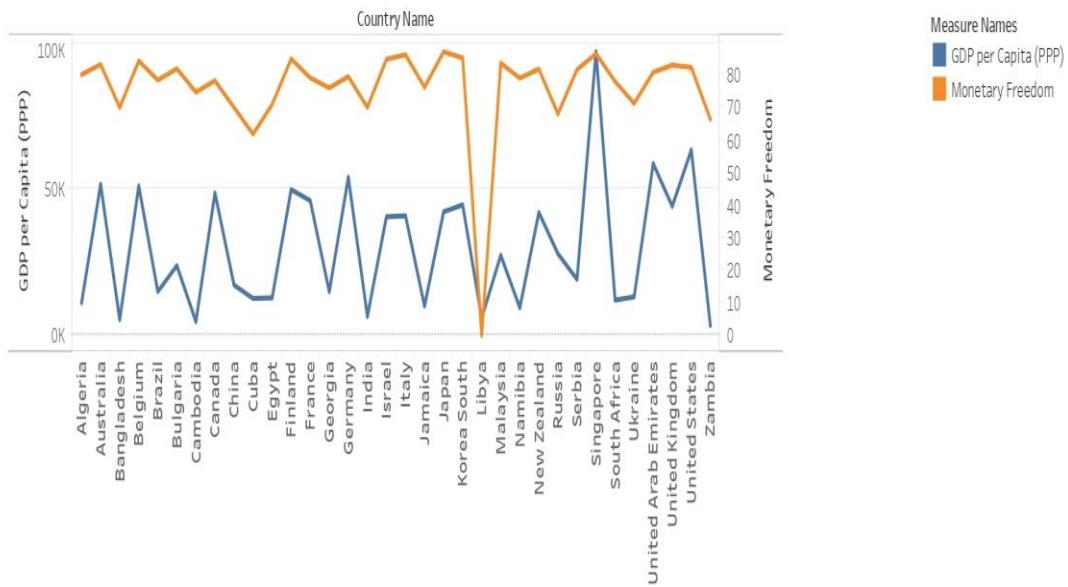


Story – sheet – 10

Monetary freedom is important
roll for EF the GDP (PPP) level should be increase
atomatically EF are increased.

s-1| For a all sheet story written

2022 scoring for world regi...	population are used to created with in score to economical freedo...	inflation for country in increasing and decreasing values are...	inflation from world ranking with a to convert a square with...	unemployment to the gradually increasing with inflation.	monetary freedom from country wise to be a GDP per capita fo...	increasing level of GDP per capita for some country increasing i.e...	decreasing level for GDP per capita by some countries . to f...
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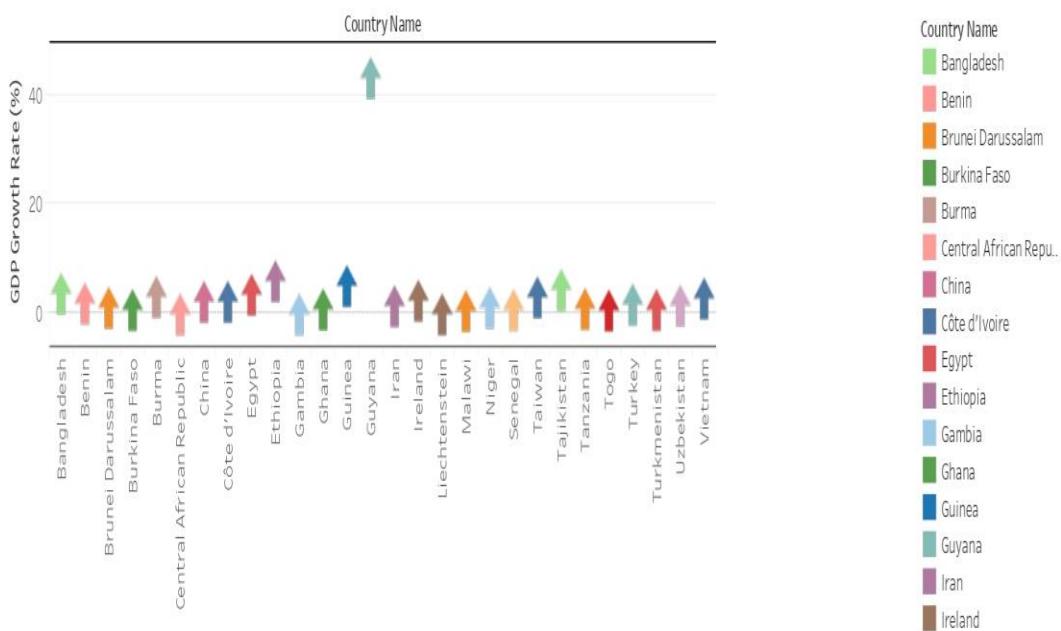


Story – sheet – 11

Top 40 country for GDP in increasing levels are noted it.

s-1| For a all sheet story written

2022 scoring for world regi...	population are used to created with in score to economical freedo...	inflation for country in increasing and decreasing values are...	inflation from world ranking with a to convert a square with...	unemployment to the gradually increasing with inflation.	monetary freedom from country wise to be a GDP per capita fo...	increasing level of GDP per capita for some country increasing i.e...	decreasing level for GDP per capita by some countries. to f...
--------------------------------	--	--	---	--	---	---	--

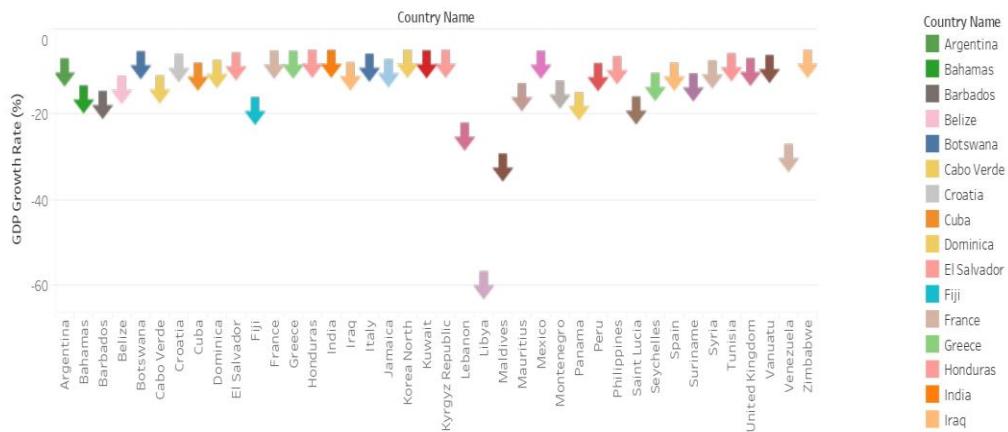


Story – sheet – 12

**Bottom countries for GDP –
Gross Domestic Per capita is deside ti decreasing
level of this sheet.**

s-1| For a all sheet story written

2022 scoring for world regi..	population are used to created with in score to economical freedo..	inflation for country in increasing and decreasing values are..	inflation from world ranking with a to convert a square with..	unemployment to the gradually increasing with inflation.	monetary freedom from country wise to be a GDP per capita fo..	increasing level of GDP per capita for some country increasing le..	decreasing level for GDP per capita by some countries . to f..
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Milestone 7

Above PPT and upload files are Milestone 7.
I'm uploaded github.



ECONOMICAL FREEDOM

APPLICATION :

1).The key ingredients of economic freedom are personal choice, voluntary exchange, freedom to compete in markets and protection of person and property.

2).Individual have economic freedom when prothey acquire without the use of force, fraud or theft is protected from physical invasions by others and they.

3).According to this year's Economic Freedom of north America report, which Measures government spending, taxation And labour market.

ADVANTAGES :

Absence of Red Tape,Freedom to innovate,Customers Drive Choices,Dangers of profit Motive.

The benefits of a market economy include increased efficiency, production and innovation.

Advantages of this market system include efficient resource allocation, competition, innovation and product variety.

Sellers in a free market have a right to adjust prices to match the demand for their product.

DISADVANTAGES :

**Limited product ranges ,
Dangers of product motive.**

Poor quality. Since profit maximization is the Biggest motivation for firms, they may try to reduce their costs unethically.

Merit Goods. Goods and services that are not be produced or run.

**Excessive power of firms,
unemployment and Inequality.**

The disadvantages of market economy include monopolies, no government intervention, poor working condition.

CONCLUTION :

In conclusion, the key ingredients of economic freedom are personal choice, voluntary exchange, freedom to compete in markets and protection of personal and property.

All economic systems are designed manage the production, consumption and services, they simply have varying degrees of control along the economic spectrum.



Thank You!