

Project Development Phase

Model Performance Test

Date	26 June 2025
Team ID	LTVIP2025TMID51876
Project Name	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis using Tableau
Maximum marks	

Model Performance Testing: -

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	<ul style="list-style-type: none">- Total Rows: 184- Columns: 32- File used: index_of_economic_freedom.csv- Rendered from Tableau Data Source tab)
2.	Data Preprocessing	<ul style="list-style-type: none">- Cleaned null values- Filtered for Year = 2022- Renamed and reformatted key columns (e.g., GDP, Score)- Joined multiple economic indicators manually
3.	Utilization of Filters	<p>Filters applied to:</p> <ul style="list-style-type: none">• Year• Region• Economic Indicators (e.g., GDP, Inflation, Unemployment) <p>Filters shown on dashboards and visual sheets</p>

4.	Calculation fields Used	<ul style="list-style-type: none"> - Created calculated fields: <ul style="list-style-type: none"> • GDP Growth Bucket • Prosperity Category (based on Index Score) • Region-wise score average
5.	Dashboard design	<p>No. of Visualizations / Graphs – 10</p> <ol style="list-style-type: none"> 1. Economic Freedom Map 2. Top 40 Countries by Index 3. Bottom 40 Countries 4. Index vs Unemployment 5. Financial Freedom Tree Map 6. Population Bar Chart 7. GDP Growth Gantt Chart 8. Inflation Area Chart 9. Inflation vs Unemployment 10. GDP(PPP) vs Monetary Freedom <p>No. Of Dashboards - 3</p>
6	Story Design	<p>No of Visualizations / Graphs – 1</p> <ul style="list-style-type: none"> - Story includes 7 scenario charts - Organized into 3 dashboards - Story includes transition across regional and indicator-based scenarios

Screenshot of Data Source: -

#	index_of_economic_freedom.csv	Country Id	Country Name	Region	World Rank	Region Rank	2022 Score	Property Rights
1	Afghanistan		Asia-Pacific		0	0	0.0000	0.000
2	Albania		Europe		50	30	66.6000	55.500
3	Algeria		Middle East and North Africa		167	13	45.8000	27.900
4	Angola		Sub-Saharan Africa		139	29	52.6000	39.800
5	Argentina		Americas		144	27	50.1000	35.100
6	Armenia		Europe		58	34	65.3000	50.400
7	Australia		Asia-Pacific		12	4	77.7000	91.700
8	Austria		Europe		22	15	73.8000	98.400
9	Azerbaijan		Europe		75	37	61.6000	53.600
10	Bahamas		Americas		38	6	68.7000	61.100
11	Bahrain		Middle East and North Africa		74	4	62.0000	65.900
12	Bangladesh		Asia-Pacific		137	29	52.7000	36.300
13	Barbados		Americas		28	4	71.3000	72.600

Screenshot of Dashboard with Filters: -

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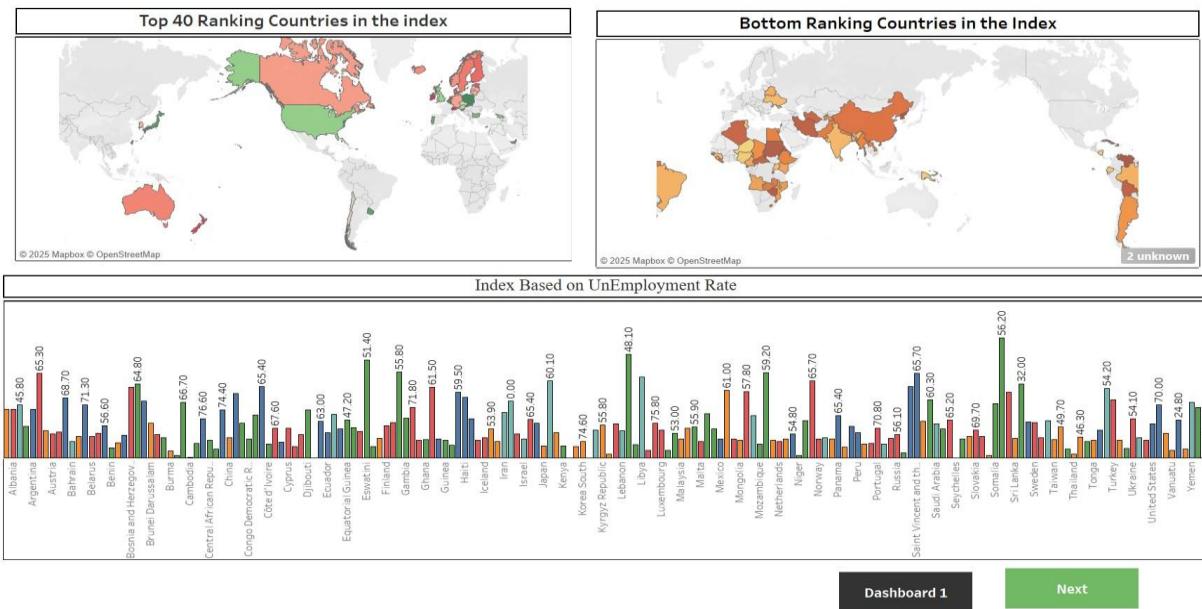
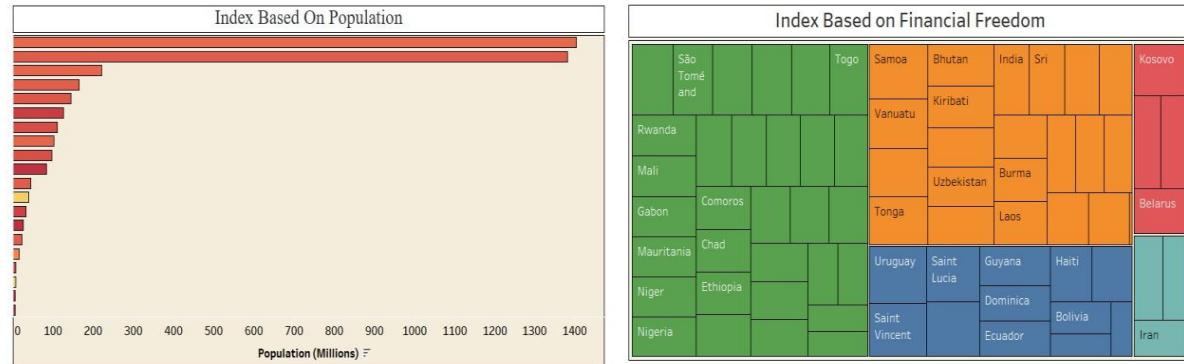


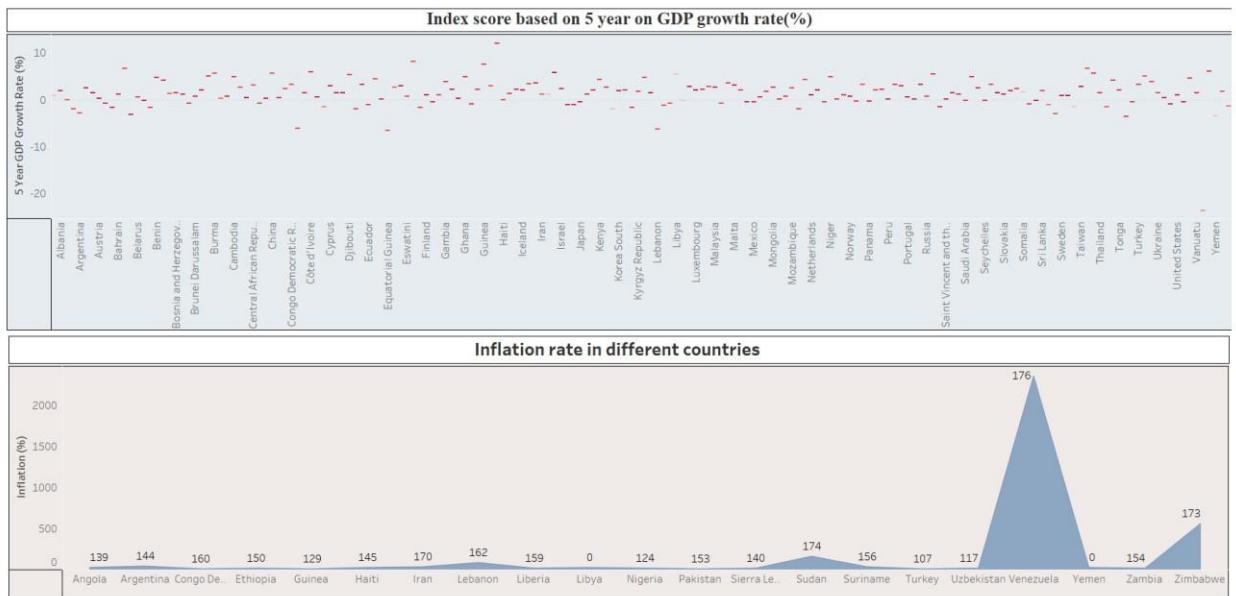
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Dashboard 2

Next



based on population Index score based on 5 year on ... Inflation rate in different countr... Correlation between inflation an... Correlation between GDP(PPP) ... Top 40 countries by GDP growt... Dashboard 1 Dashboard 2 Dashboard 3

Dashboard 3

Next