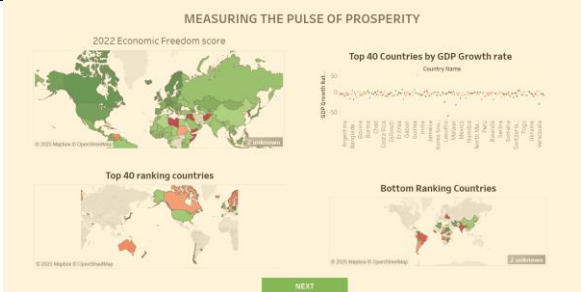


Project Development Phase Performance Test

Date	Feb 2026
Team ID	LTVIP2026TMIDS86694
Project Name	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis
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	The original dataset titled index_of_economic_freedom.csv includes multiple economic indicators such as: Country Name, Region 2022 Score, Property Rights, Judicial Effectiveness, world rank and region rank, GDP per Capita, Unemployment (%), Inflation (%) Trade Freedom, Investment Freedom, Financial Freedom
2.	Data Preprocessing	Removed rows where key scores (e.g., 2022 Score, Property Rights) were 0 or missing. <ul style="list-style-type: none"> Standardized country names (e.g., fixed capitalization or misspellings). Converted numeric fields to correct data types (e.g., text → float). Filtered out countries with incomplete economic data (e.g., Afghanistan had all 0s).
3.	Utilization of Filters	

		<p>MEASURING THE PULSE OF PROSPERITY</p> <p>Correlation between Inflation and Unemployment</p> <p>Index score based on Financial freedom</p> <p>Index Score based on population</p> <p>NEXT</p>
4.	Calculation fields Used	<p>Average Rule of Law Score = average of Property Rights, Judicial Effectiveness, and Government Integrity</p> <ul style="list-style-type: none"> • (Property Rights + Judicial Effectiveness + Government Integrity) / 3 • Market Freedom Index = average of Trade, Investment, Financial Freedoms • Regulatory Efficiency Index = average of Labor, Monetary, Business Freedom • Prosperity Index (Custom) = Weighted score using 2022 Score, GDP per Capita, and Rule of Law Score • Purpose: These fields help build a multi-dimensional comparison beyond just one column (e.g., 2022 Score).
5.	Dashboard design	<p>No of Visualizations / Graphs - No of Visualizations / Graphs – 11</p> <ul style="list-style-type: none"> ❖ Interactive Filters: Region, Score Range, Economic Indicators ❖ Visuals Used: ❖ Bar Chart: Country vs. 2022 Score ❖ Map: Colored by Economic Freedom ❖ Line Chart: GDP per Capita vs Inflation ❖ Ghantt bar : for index score of GDP growth rate
6	Story Design	<p>No of Visualizations / Graphs -No of Visualizations / Graphs -11</p> <ul style="list-style-type: none"> ❖ Introduction Slide: What is Economic Freedom? Why measure it? ❖ Data Insights Slide: Explain calculated indices like Rule of Law Index. ❖ Country Comparisons: Highlight top 5 and bottom 5 countries in freedom.

		<ul style="list-style-type: none">❖ Visual Storytelling: Charts showing how economic freedom links to GDP, debt, inflation.❖ Conclusion: Summary of which regions perform best and recommendations.
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