

Project Development Phase
Model Performance Test

Date	28 June 2025
Team ID	LTVIP2025TMID20778
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 the model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	2022 Index of Economic Freedom data including 12 indicators across 184 countries, regions, and economic metrics
2.	Data Preprocessing	Cleaned missing/null values, standardized country names, grouped indicators under 4 main pillars
3.	Utilization of Filters	<ul style="list-style-type: none">- Region filter (Asia, Africa, etc.)- Indicator filter (choose from the 12 indicators) - Country filter

4.	Calculation fields Used	<ul style="list-style-type: none"> - Average Score by Region - Indicator Group Scores (avg of 3 sub-indicators under each pillar)
5.	Dashboard design	<p>No of Visualizations / Graphs - 8</p> <ul style="list-style-type: none"> - Top 40 Ranking Countries - Bottom Ranking Countries - Index based on unemployment Rate - Index based on population - Index score of all 176 countries - Index score based on Financial Freedom - Index score based on 5 year GDP growth rate - Inflation rate in different countries

6	Story Design	<p>No of Visualizations / Graphs -11</p> <ul style="list-style-type: none"> - This map shows 2022 economic freedom score - This map shows top 40 ranking countries - This map shows bottom ranking countries in the index - This bar chart index score based on unemployment - This stacked chart index score based on financial freedom - This horizontal barchart index score based on population - Gantt chart shows index score based on 5 year GDP growth - Line chart showing inflation rate in different countries - Line chart correlation between inflation and unemployment - Line chart shows relation between GDP and monetary freedom - Scatter plot showing top 40 countries by GDP growth rate
---	--------------	--