

**Project Development Phase**  
**Model Performance Test**

Date	28 June 2025
Team ID	LTVIP2025TMID51428
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"><li>- Region filter (Asia, Africa, etc.)</li><li>- Indicator filter (choose from the 12 indicators) - Country filter</li></ul>

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

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