

Project Development Phase
Model Performance Test

Date	16/06/2025
Team ID	LTVIP2025TMID49412
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	Dataset includes multiple countries and their Economic Freedom indicators like Business Freedom, Trade Freedom, Fiscal Health, Government Integrity, and Overall Index Score.
2.	Data Preprocessing	Missing values handled through filtering; country names standardized; year field extracted where necessary; calculated fields like "Average Index" or "Category Rank" created.
3.	Utilization of Filters	Filters added for: <ul style="list-style-type: none"> • Inflation rate in different countries • Region • Economic Freedom Score Range • Specific Indicators (checkbox or dropdown)
4.	Calculation fields Used	<ul style="list-style-type: none"> • Inflation range from $\geq 10\%$ to 122 • Bottom Ranking countries in the index • Top 40 Ranking Countries in the index
5.	Dashboard design	No of Visualizations / Graphs – 11 <ul style="list-style-type: none"> • 2022 Economic Freedom Score • Top 40 Ranking Countries in the index • Bottom ranking Countries in the index • Index Score based on unemployment Rate • Index Score based on Financial Problem • Index Score based on 5 year on GDP Growth rate(%) • Inflation rate in different countries • Correlation between inflation and unemployment • Correlation between GDP(PPP) and Monetary Freedom • Top 40 countries by GDP Growth rate

6	Story Design	<p>No of Visualizations / Graphs -11</p> <ul style="list-style-type: none"> • 2022 Economic Freedom Score • Top 40 Ranking Countries in the index • Bottom ranking Countries in the index • Index Score based on unemployment Rate • Index Score based on Financial Problem • Index Score based on 5 year on GDP Growth rate(%) • Inflation rate in different countries • Correlation between inflation and unemployment • Correlation between GDP(PPP) and Monetary Freedom • Top 40 countries by GDP Growth rate
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