

## Project Development Phase

### Model Performance Test

Date	30 June 2025
Team ID	LTVIP2025TMID49576
Project Name	"Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis"
Maximum Marks	4 Marks

#### Model Performance Testing:

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

S.No.	Parameter	Screenshot / Values
1	Data Rendered	Data was imported from the Index of Economic Freedom dataset (CSV format). It contains various indicators such as GDP, inflation rate, trade freedom, monetary freedom, and investment freedom for different countries over multiple years.
2	Data Preprocessing	Unnecessary columns were removed. Missing values were handled using row-level filtering. Data types were standardized and renamed for clarity. Null entries were excluded before dashboard design.
3	Utilization of Filters	Filters used include: Country, Year, Region, Economic Freedom Score Range, and Indicator Type. These filters allow users to customize views and comparisons easily.
4	Calculation Fields Used	- GDP per Indicator Ratio - Custom Economic Index Score (weighted average) - Inflation vs Freedom Delta - Score Category Labels based on range
5	Dashboard Design	No of Visualizations / Graphs: 6 Visuals include: Line chart for GDP trends, Bar chart for top 10 countries, Heatmap by region, Pie chart for indicator distribution, Word cloud of key indicators, and Interactive Filters Panel.
6	Story Design	No of Visualizations / Graphs: 4 Story includes: Introduction to dataset, Key indicators visual summary, Region-wise freedom story, Final dashboard analysis and insights.