

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

Date	16 February 2026
Team ID	LTVIP2026TMIDS25023
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.

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	Rendered from cleaned CSV files with country-wise economic freedom scores, GDP, employment rates, and other socio-economic indicators. Loaded ~1,000+ rows covering multiple countries and years.
0.	Data Preprocessing	Handled missing values; mapped features for sub-indices like trade freedom, tax burden, and regulatory efficiency; categorized regions and time periods for consistency.
3.	Utilization of Filters	Applied filters for Country, Region, Year, Economic Sub-Index, GDP, and Unemployment Rate. Dashboard remains responsive under 3 seconds for smooth user interaction.
4.	Calculation fields Used	<ul style="list-style-type: none"><li>- Average Economic Freedom Score by Region</li><li>- Year-on-Year Change Percentage</li><li>- GDP vs. Freedom Correlation Metric</li><li>- Unemployment Rate Trends</li><li>- Index Rankings &amp; Score Bands</li></ul>
5.	Dashboard design	No of Visualizations / Graphs - 4 Dashboards
6	Story Design	No of Visualizations / Graphs - 1 Stories with 2 story points each