Problem Solution Fit

Date	31 January 2026
Team ID	LTVIP2026TMIDS24940
Project Name	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis
Maximum Marks	4 Marks

Problem

Global economic datasets such as the Index of Economic Freedom contain multiple indicators for more than 100 countries. When presented in raw tabular format, the data becomes difficult to interpret. Users cannot easily identify relationships between economic policies and economic performance indicators such as GDP per capita, unemployment, and inflation.

Traditional spreadsheets require manual comparison of numerous columns and countries, making it hard to detect patterns, correlations, or trends. As a result, students and researchers often rely on theoretical assumptions rather than data-driven analysis.

Solution

This project uses Tableau visualizations to analyze economic freedom indicators and macroeconomic variables. Interactive charts, maps, and dashboards are created to visually explore relationships between economic freedom and prosperity.

The dashboard allows users to:

- Compare countries
- Observe patterns and correlations
- Filter regions and indicators
- Understand economic relationships visually

.

Fit Justification

- Tableau converts complex multi-variable economic data into understandable visuals.
- Interactive filters allow comparison across countries instantly.
- Scatter plots help reveal relationships between economic freedom and GDP.
- Map visualizations help identify regional economic patterns.
- Story pages guide users through analytical conclusions..

Expected Benefits

- Clear understanding of how economic freedom relates to prosperity
- Quick comparison between developed and developing countries
- Identification of key economic indicators influencing growth
- Improved academic learning using data-driven analysis
- Effective presentation of economic insights through dashboards