

Proposed Solution

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

The proposed solution is to develop an interactive Tableau Dashboard and Story to analyze global economic freedom data and its relationship with national prosperity indicators. The system helps users understand how institutional and policy-related economic factors influence economic performance across countries.

The solution performs comparative analysis of countries using economic indicators such as economic freedom score, property rights, tax burden, trade openness, GDP per capita, unemployment rate, and inflation rate.

The solution includes:

- Importing the Index of Economic Freedom dataset into Tableau
- Cleaning and preparing the dataset using Excel
- Categorizing variables into economic freedom indicators and economic performance indicators
- Creating multiple visualizations (scatter plots, bar charts, heatmaps, and maps)
- Designing an interactive dashboard with filters (Country, Region, Indicator)
- Creating a Tableau Story explaining the analytical findings step-by-step
- Publishing the dashboard and story on Tableau Public for public access

This solution provides insights on:

- Relationship between economic freedom and national income
- Impact of property rights and trade openness on economic growth
- Comparison between high-income and low-income countries
- Regional economic performance differences
- Identification of countries with strong and weak economic institutions

Analytical Visualizations Developed

- Scatter Plot — Economic Freedom Score vs GDP per Capita
- World Map — Country-wise economic freedom distribution
- Bar Chart — Country comparison of economic indicators
- Indicator Comparison Charts — Property rights, tax burden, trade freedom
- Regional Analysis Charts — Region-wise performance comparison