

Project Design Phase

Solution Architecture

Date	24 June 2025
Team ID	LTVIP2025TMID50492
Project Name	Measuring the Pulse of Prosperity:An Index of Economic Freedom Analysis
Marks	4 marks

Solution Architecture Description:

The project utilizes a **data visualization platform (Tableau)** integrated with reliable **economic data sources** to deliver interactive, real-time dashboards. The architecture ensures that raw economic data is collected, processed, and visualized for easy interpretation by end-users, including policymakers, businesses, and students.

Key Components:

1. Data Sources:

- Economic Freedom Index Datasets
- GDP Growth and Economic Indicators
- Open Government or Institutional Data

2. Data Processing Layer:

- Data Preprocessing (Cleaning, Formatting)
- Integration and Transformation
- Calculation Fields (e.g., GDP Growth Rate, Composite Scores)

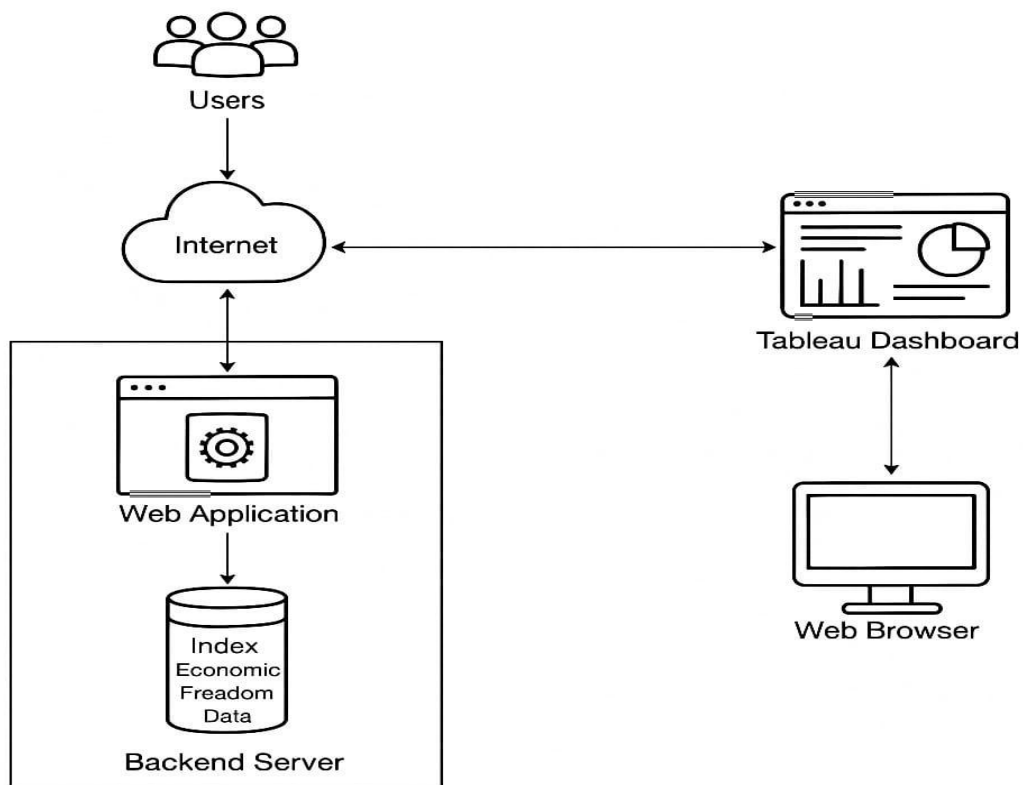
3. Visualization & Analytics Layer:

- Tableau Desktop & Tableau Public/Server
- Interactive Dashboards
- Filters, Comparison Tools, Graphs & Maps

4. End Users:

- Policymakers
- Businesses & Investors
- General Public
- Students & Researchers

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