

Project Design Phase-II

Data Flow Diagram & User Stories

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| Date | 26 June 2025 |
| Team ID | LTVIP2025TMID48502 |
| Project Name | Measuring The Pulse Of Prosperity: An Index Of Economic Freedom Analysis |
| Maximum Marks | 4 Marks |

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored

Example: [\(Simplified\)](#).

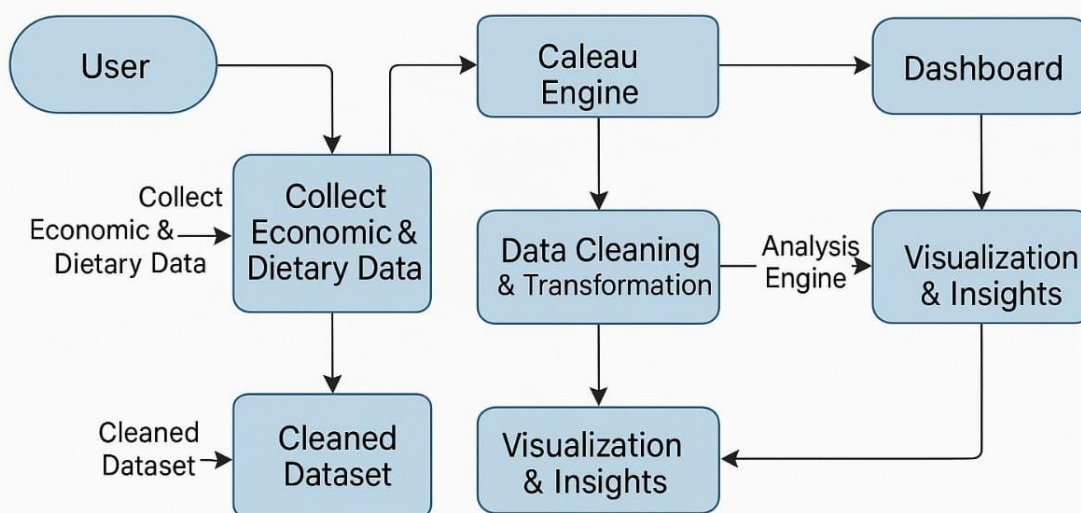
Flow

Comprehensive Analysis with Tableau: Measuring The Pulse Of Prosperity – An Index of Economic Freedom Analysis



Country-level economic data (like Economic Freedom Index) is collected and uploaded
. Key indicators are analyzed to uncover trends and rankings
Policy implications or development strategies are identified and refined
All findings are visualized in Tableau dashboards (heat maps, bar charts, scorecards)

Tableau Engine



Economic Freedom Index Analysis Analyse)

User Stories

Use the below template to list all the user stories for the product.

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|--------------------------|-------------------------------|-------------------|--|--|----------|-----------|
| Data Analyst (Desktop) | Data Import | USN-1 | As a user, I can import global datasets (GDP, FDI, Economic Index, Dietary Data) into Tableau. | Data sources connect and load successfully in Tableau. | High | Sprint -1 |
| Data Analyst (Desktop) | Data Analyst (Desktop) | USN-2 | As a user, I can clean and standardize raw economic/dietary datasets before analysis... | Data is cleaned and stored in Tableau Prep/Workbook. | High | Sprint -1 |
| Policy Maker (Web User) | Visualization Access | USN-3 | As a user, I can view and interact with country-wise dashboards showing prosperity metrics. | Dashboards respond to filters (region/year/metric) and update correctly. | High | Sprint -2 |
| Policy Maker (Web User) | Export & Sharing | USN-4 | As a user, I can export insights and visualizations in PDF and share via email. | Export and email features work without error. | Medium | Sprint -2 |
| Researcher (Desktop/Web) | Trend Analysis | USN-5 | As a user, I can analyze 5-year trends of GDP, Economic Freedom Index, and Dietary Scores. | Graphs show trendlines with tooltip insights and yearly markers. | Medium | Sprint -3 |
| College Admin | Participation Analytics | USN-10 | As an admin, I can view participation metrics by department, year, or gender. | I can filter participation reports by different demographics. | Low | Sprint -3 |