

Project Design Phase-II Data Flow Diagram & User Stories

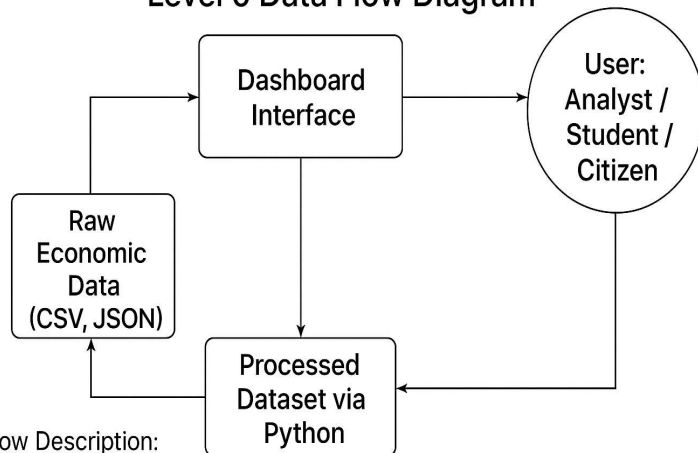
Date	28 June, 2025
Team ID	LTVIP2025TMID49302
Project Name	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis
Maximum Marks	4 Marks

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: [\(Simplified\)](#)

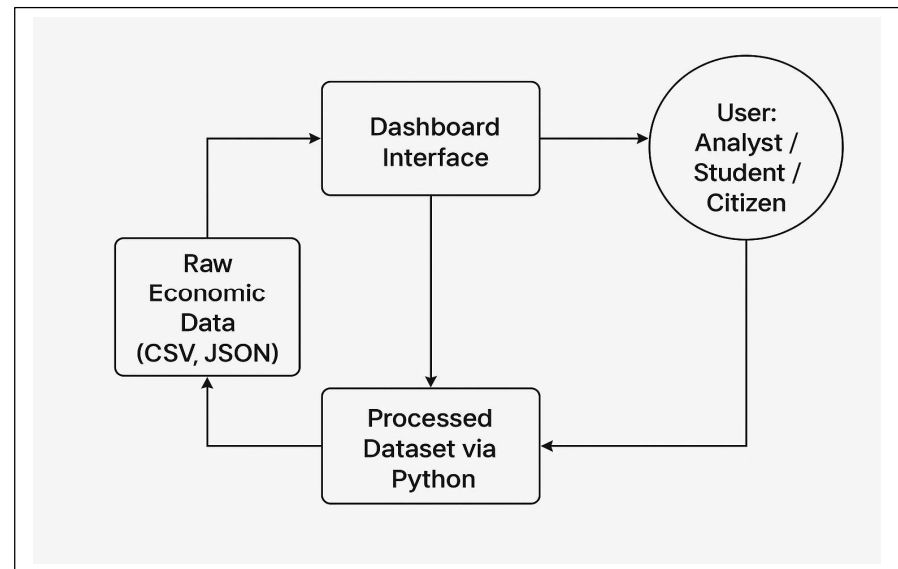
Level 0 Data Flow Diagram



Flow Description:

- Raw data
- Processing: Python (Pandas)
- Visualization Layer: Tableau dashboards with filters, stories, summaries
- User Interaction

data flow diagram image for the Index of Economic Freedom 2022



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
Analyst/Student	Dashboard Interactivity	USN-1	As a user, I want to filter countries by region and income group.	Filters respond to input across all charts	High	Sprint-1
General Citizen	Storytelling	USN-2	As a viewer, I want brief caption to explain each dashboard insight.	Every sheet includes a short caption for context.	High	Sprint-1
Researcher	Country Summary Cards	USN-3	As a Researcher, I want summaries for each country's economic profile	Clicking on a country reveals a summary card.	Medium	Sprint-2
Educator	Predictive Visualization	USN-4	As a user, I want to view forecast trends of economic freedom scores.	A "forecast" view projects data trends visually	Medium	Sprint-3
Policy Analyst	Multi-Country Comparison	USN-5	As an analyst, I want to compare scores across several countries simultaneously	Multi-Select filters and dynamic comparison views enabled	High	Sprint-4