

Project Design Phase-II Data Flow Diagram & User Stories

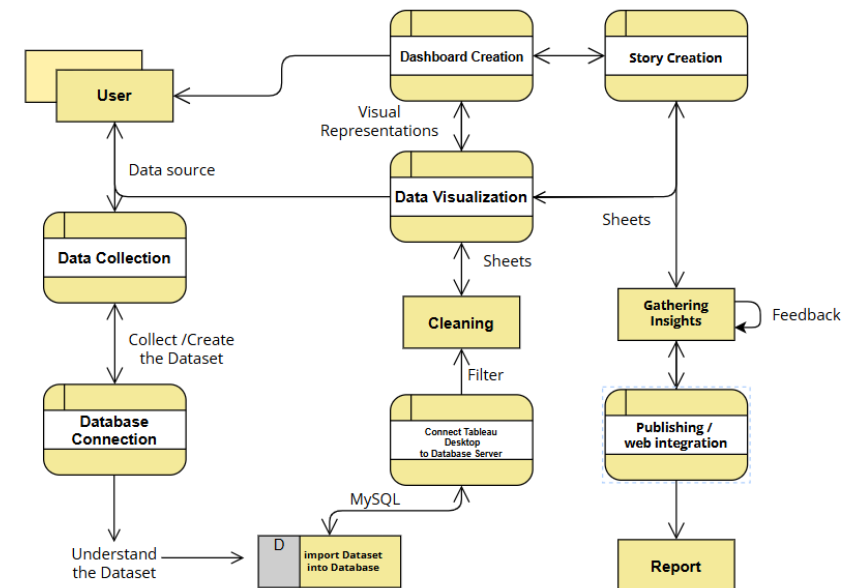
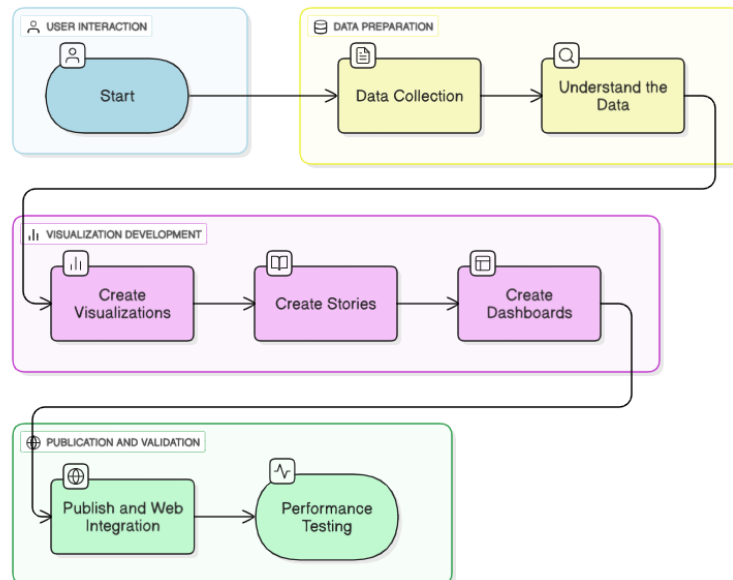
Date	23 June 2025
Team ID	LTVIP2025TMID50685
Project Name	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis
Maximum Marks	4 Marks

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)

User Stories



Example: Level 0 DFD

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Data Analyst	Data Collection	USN-1	As a data scientist, I can import the Economic Freedom dataset from a CSV or online source	Dataset is successfully imported into the analysis environment	High	Sprint-1
Data Analyst	Data Cleaning & Preparation	USN-2	As a data scientist, I can clean and transform data to handle nulls and standardize column formats	Cleaned dataset with no missing or malformed values	High	Sprint-1
Data Analyst	Exploratory Data Analysis	USN-3	As a data scientist, I can perform EDA using charts and statistics to identify trends and outliers	Charts and summary statistics clearly show trends	Medium	Sprint-2
BI Developer	Dashboard Creation	USN-4	As a BI developer, I can build an interactive dashboard for economic freedom analysis	Dashboard includes filters, charts, and insights	High	Sprint-2
Data Storyteller	Insight Communication	USN-5	As a data storyteller, I can create a story using visuals and narrative to highlight key economic insights	Story includes charts, conclusions, and a logical narrative	Medium	Sprint-3
Public Viewer	Dashboard Access	USN-6	As a public user, I can access the published dashboard and explore the data interactively	User can view and use filters in Tableau Public	High	Sprint-3
Project Evaluator	Review and Feedback	USN-7	As an evaluator, I can assess the completeness, relevance, and clarity of the dashboard	Evaluator has access to dashboard, story, and summary report	Medium	Sprint-4
Administrator	Project Oversight	USN-8	As an administrator, I can monitor project progress and sprint completion	3Admin dashboard displays task progress per sprint	Medium	Sprint-4