

## Project Design Phase-II

### Data Flow Diagram & User Stories

Date	29 June 2025
Team ID	LTVIP2025TMID50324
Project Name	Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites in Tableau
Maximum Marks	4 Marks

#### Data Flow Diagrams:

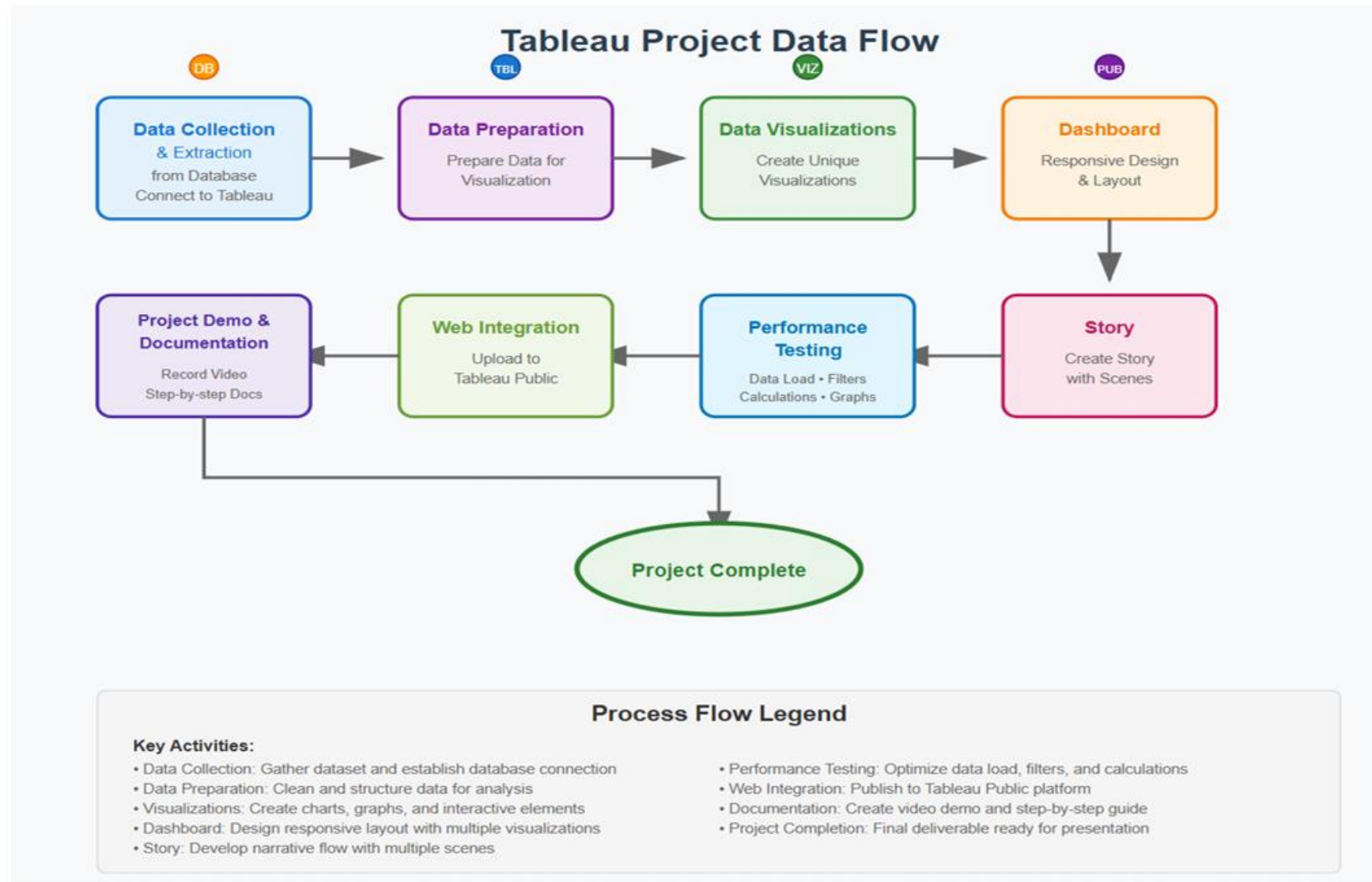
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

#### Flow Integration & Dependencies

##### Sequential Dependencies:

1. **Data Collection** must be completed before **Data Preparation**
2. **Data Preparation** enables effective **Data Visualizations**
3. **Visualizations** form the foundation for **Dashboard Creation**
4. **Dashboards** provide content for **Story Development**
5. **Performance Testing** runs parallel to all **development phases**
6. **Web Integration** requires completed **dashboards and stories**
7. **Documentation** captures the entire **development process**

## Data Flow Diagram :



## 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	Dashboard Performance Optimization	USN-1	As a Data Analyst, I want dashboards to load within 10 seconds even for global data, so users can explore without delay.	Dashboard loads under 10s; filters respond under 3s	High	Sprint-1
Project Stakeholder	Data Overview & Site Summary	USN-2	As a stakeholder, I want to see total heritage site counts by region and category, so I can understand data coverage.	Display total site count, and percentage by category and region	High	Sprint-1
Cultural Researcher	Heritage Sites Risk Analysis	USN-3	As a researcher, I want to view endangered sites and compare their areas and regions, so I can focus on high-risk zones.	Pie chart for Danger status, Top 10 danger sites by area	High	Sprint-1
UNESCO Planner	Regional Trend Insights	USN-4	As a planner, I want to see how site inscriptions have changed over decades across regions, so I can assess growth trends.	Line chart with year-wise site count; region filter available	Medium	Sprint-1
Tourism Strategist	Category-wise Analysis	USN-5	As a tourism strategist, I want to analyze which countries have more natural or cultural sites to plan destination marketing.	Bar chart by category, country filter enabled	Medium	Sprint-2
Policy Maker	Country/Region Comparison	USN-6	As a policymaker, I want to compare number of heritage sites per country within each region, to assess global representation.	Bubble chart by country within region; tooltip with site count	High	Sprint-2
Conservation Team	Forecasting Insights	USN-7	As a conservation analyst, I want to forecast future site additions using historical data, to predict UNESCO activity.	Forecast chart using Date_inscribed, with estimate & actual series	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Public User	Interactive Dashboard Access	USN-8	As a public user, I want an integrated, interactive dashboard that is easy to navigate and informative.	Unified dashboard view with filters by region, year, danger	High	Sprint-3