Data Flow Diagram & User Stories

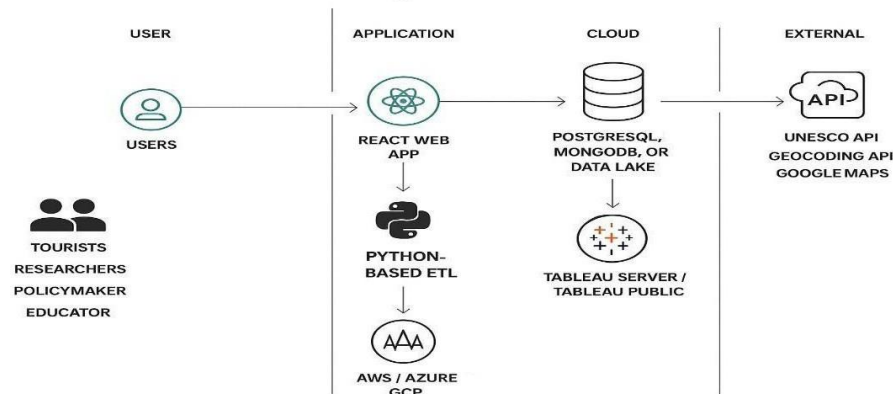| Date	18 February 2026
Team ID	LTVIP2026TMIDS52448
Project Name	Heritage Treasures
Maximum Marks	4 Marks

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.
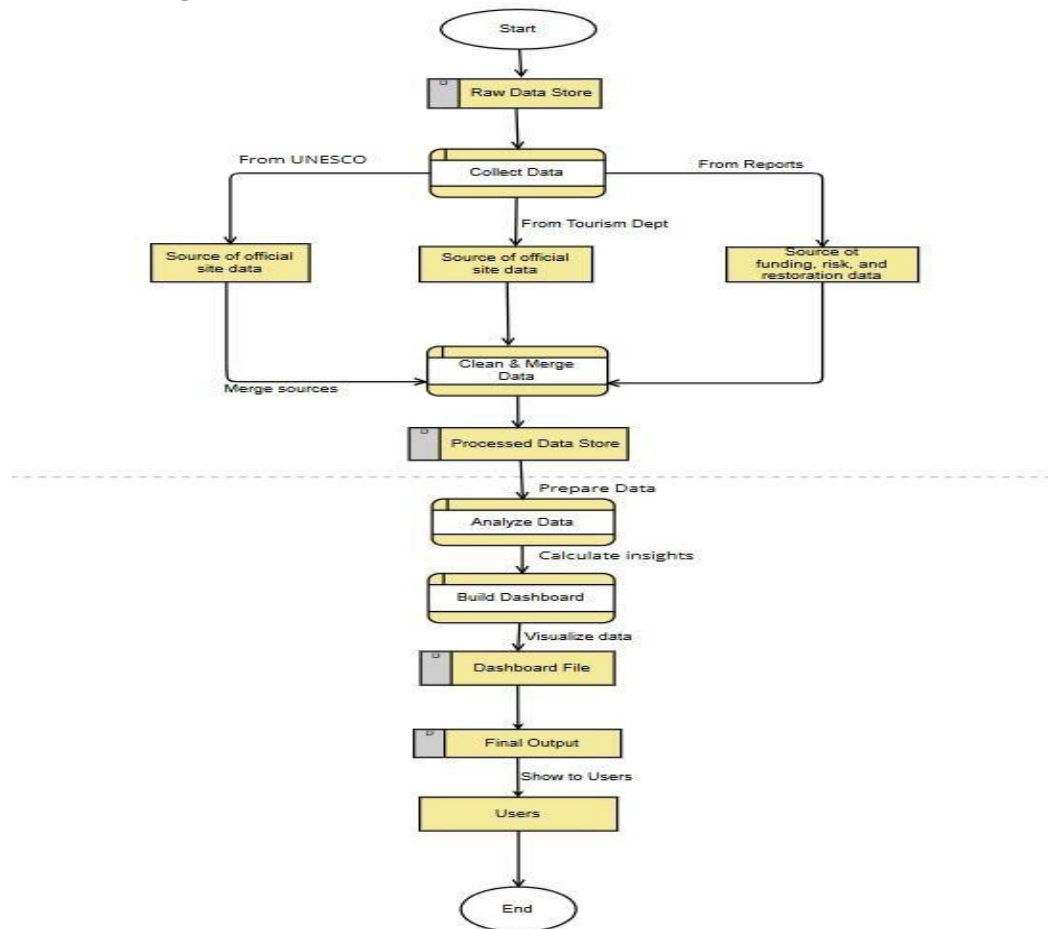
Example: (Simplified)

Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites in Tableau

- Users (researchers, tourists, educators) interact with the dashboard via a React Web App.
- Python-based ETL processes extract and clean data from external sources like the UNESCO API.

- Data is stored in cloud databases (PostgreSQL, MongoDB, or Data Lake) and visualized using Table.
- The system is hosted on cloud platforms such as AWS, Azure, or GCP for scalability and performance.

Example: DFD for Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites in Tableau

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 – Global Overview	USN-1	As a data analyst, I can view a global map of heritage sites with filters by region and type	I can filter sites and see location-based data instantly	High	Sprint-1
Data Analyst	Dashboard – Endangered Status	USN-2	As a data analyst, I can highlight endangered sites based on preservation status	I can see endangered sites marked visually	High	Sprint-1
Cultural Heritage Planner	Dashboard – Funding Insights	USN-3	As a planner, I can compare visitor numbers with funding across sites	I can identify underfunded, high-traffic sites	High	Sprint-2
Cultural Heritage Planner	Dashboard – Regional Overview	USN-4	As a planner, I can filter sites by country or region	I can select a region and view only its data	Medium	Sprint-2
Tourism Policy Maker	Dashboard – Tourism Trends	USN-5	As a policy maker, I can view yearly visitor trends per site	I can track increases or decreases in tourism	High	Sprint-1
Tourism Policy Maker	Dashboard – Seasonal Impact	USN-6	As a policy maker, I can analyze peak visitor seasons	I can see patterns across months or quarters	Medium	Sprint-2
NGO Conservation Officer	Dashboard – Endangered Sites	USN-7	As a conservation officer, I can view only endangered or at-risk sites	I can apply a filter and see a list/map of only endangered sites	High	Sprint-1
NGO Conservation Officer	Dashboard – Export Reports	USN-8	As a conservation officer, I can export a visual summary for reporting	I can download charts as PDF or images	Medium	Sprint-2