Project Design Phase-II
Data Flow Diagram & User Stories

Date	31 January 2025
Team ID	
Project Name	
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.
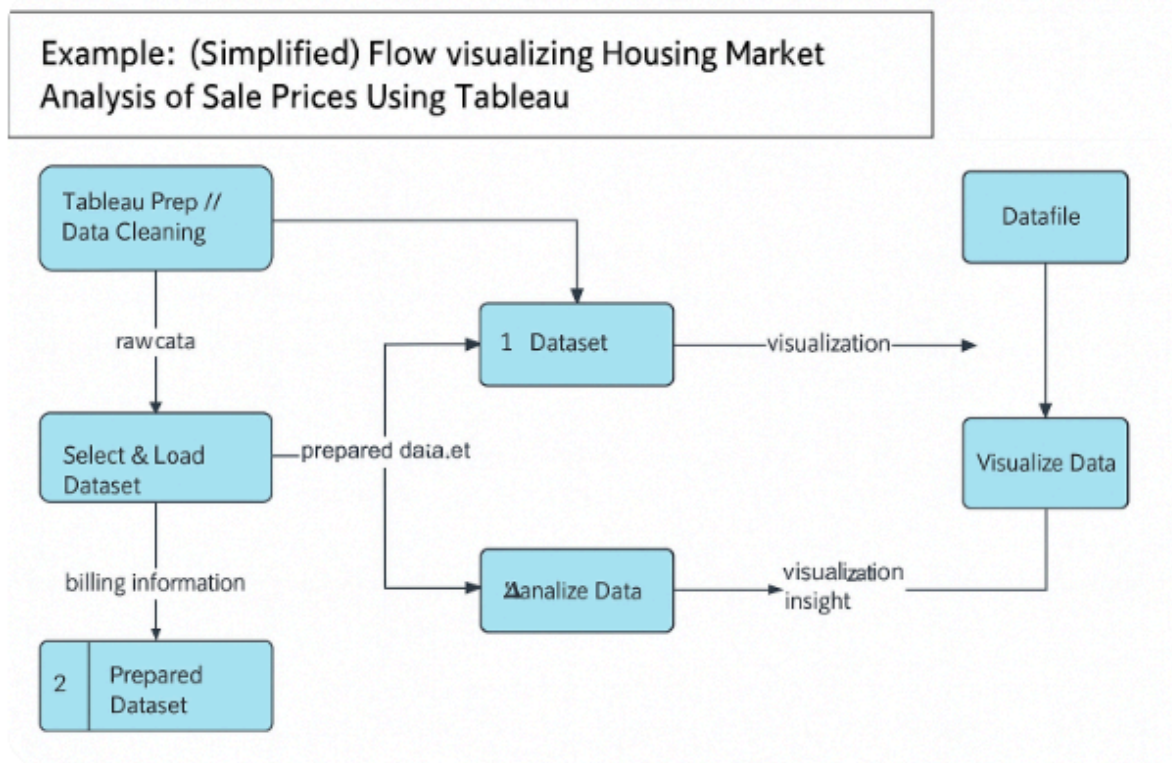
User Stories
Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1

User Type	Functional Requiremen t (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Data Analyst	Trend Analysis	USN-1	As a user, I want to view monthly sales price trends so I can understand market growth	A line graph displays average monthly sales prices correctly.	High	Sprint-1
Data Analyst	Regional Comparis on	USN-2	As a user, I want to compare average home prices by city to identify high-demand areas.	A bar chart shows average prices per city, sortable by price.	Low	Sprint-2
Real Estate Agent	Feature-bas ed Pricing	USN-3	As a user, I want to explore how square footage and bedrooms affect pricing	A scatter plot shows price vs. square footage, with color-coded bedrooms.	Medium	Sprint-1
Home Buyer (Web)	Interactive Filtering	USN-4	As a user, I want to filter the dashboard by year, property type, and city so I can view relevant information.	Filters apply to all charts on the dashboard dynamically	High	Sprint-1
Business Manager	Summary KPIs	USN-5	As a user, I want to see key metrics like average price, median price, and total listings to track overall performance.	KPIs update based on current filter selection	High	Sprint-1

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