

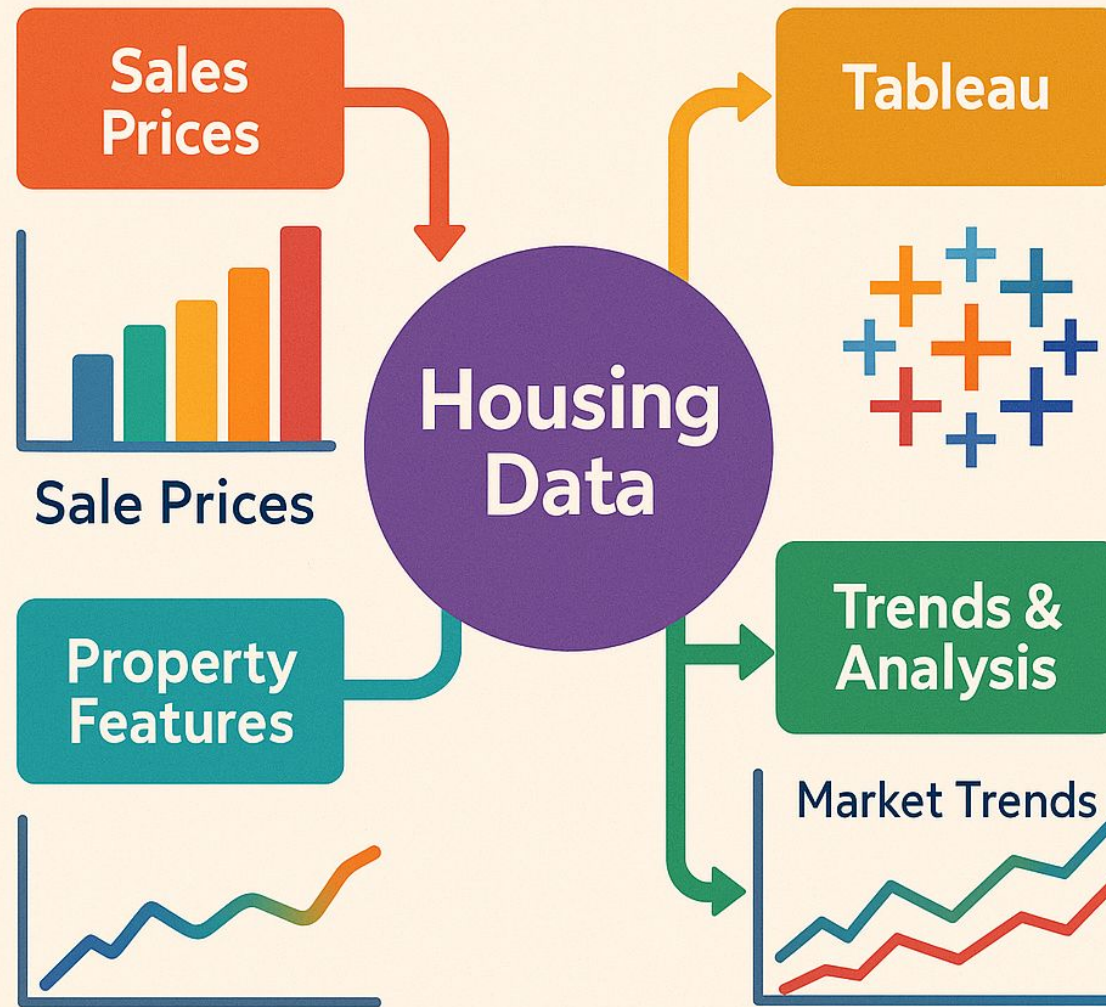
Project Design Phase-II
Data Flow Diagram & User Stories

Date	31 January 2025
Team ID	Team ID : PNT2025TMID09489
Project Name	Visualizing Housing Market Trends An Analysis of Sale Prices and Features using 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.

An Analysis of Sale Prices and Features using Tableau



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Mobile/Web 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 after registration	High	Sprint-1
		USN-2	As a user, I will receive a confirmation email once I register	I receive a confirmation email & can verify successfully	High	Sprint-1
		USN-3	As a user, I can register using Facebook	I can register & access dashboard using Facebook login	Low	Sprint-2
		USN-4	As a user, I can register using Gmail	I can register and access dashboard using Gmail login	Medium	Sprint-1
	Login	USN-5	As a user, I can log in using my email and password	I am redirected to the dashboard after successful login	High	Sprint-1
	Dashboard	USN-6	As a user, I can view key housing market metrics like average sale price, price trends, and region-wise insights	Visualizations load correctly and show accurate data	High	Sprint-1
	Filters	USN-7	As a user, I can filter the data by city, year, and property type	Charts and visualizations update based on selected filters	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer Care Executive	Export	USN-8	As a user, I can export dashboard insights to PDF or image	Downloadable export is accurate and readable	Medium	Sprint-3
	User Support	USN-9	As a support agent, I can view a list of user issues and respond	Issues are shown in dashboard and status updates are allowed	Medium	Sprint-3
	User Analytics	USN-10	As a support agent, I can view usage statistics of the platform	Data is shown with graphs (e.g., number of logins, sessions)	Medium	Sprint-3
Administrator	User Management	USN-11	As an admin, I can manage user roles and access (view/edit/delete)	Admin can update user details and restrict access	High	Sprint-2
	Dashboard Settings	USN-12	As an admin, I can configure which datasets and visualizations appear in the dashboard	Changes apply to all users correctly	Medium	Sprint-3
	Audit Logs	USN-13	As an admin, I can view logs of user activity and data updates	I can see who accessed what and when	Medium	Sprint-3