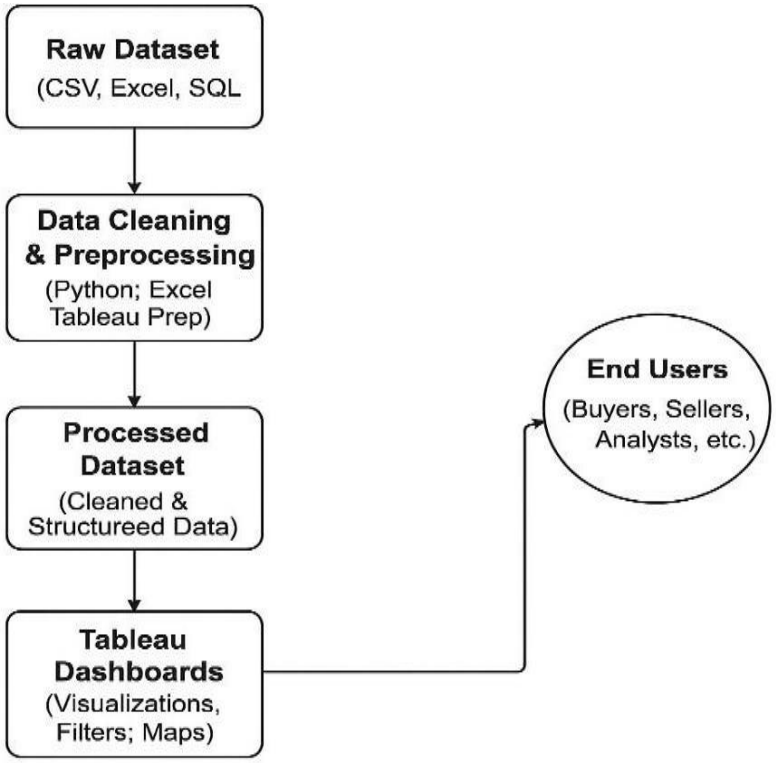
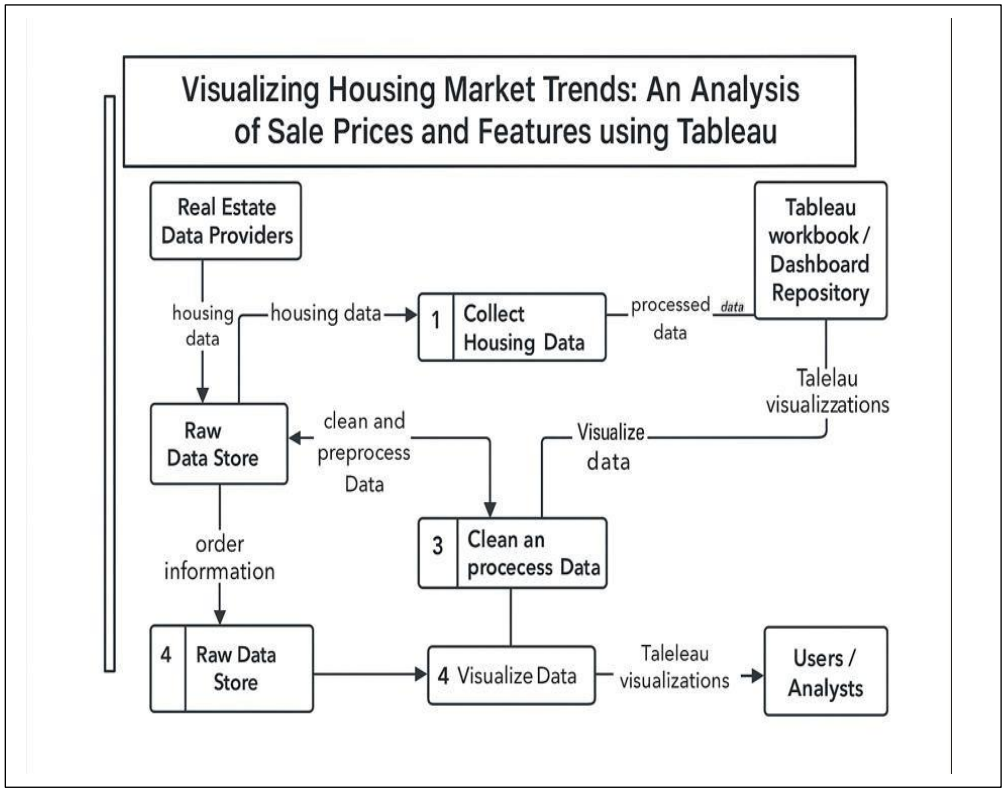
Project Design Phase-II
Data Flow Diagram & User Stories

Date	07 February 2026
Team ID	LTVIP2026TMIDS90490
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	3 Marks

Data Flow Diagrams:

Example:





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
User (Analyst)	Data Loading	USN-1	As a user, I can load a housing dataset into the system	Dataset loads without errors	High	Sprint-1
User (Analyst)	Data Processing	USN-2	As a user, I can preprocess and clean housing data	Cleaned data available for analysis	High	Sprint-1
User (Analyst)	Visualization	USN-3	As a user, I can generate visualizations for price trends and features	Charts render correctly	High	Sprint-1
User (Viewer)	Dashboard Access	USN-4	As a user, I can access the dashboard through a Flask web interface	Dashboard loads in browser	High	Sprint-2
User (Viewer)	Interactivity	USN-5	As a user, I can filter data on the dashboard	Dashboard updates dynamically	Medium	Sprint-2
User (Viewer)	Insight Viewing	USN-6	As a user, I can view insights and summaries	Insights are clearly displayed	Medium	Sprint-2