

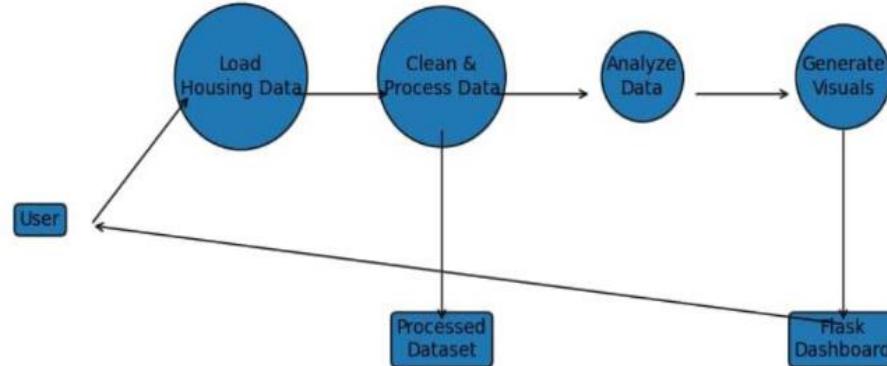
## Project Design Phase-II

### Data Flow Diagram & User Stories

Date	26 February 2026
Team ID	LTVIP2026TMIDS47834
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	3 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
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