

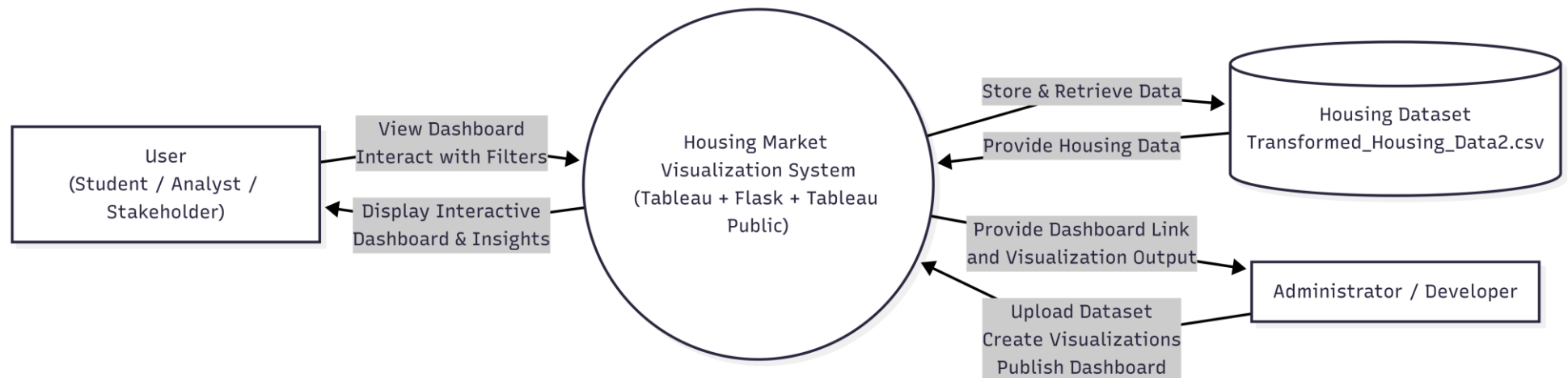
Project Design Phase-II

Data Flow Diagram & User Stories

Date	31 January 2026
Team ID	LTVIP2026TMIDS28502
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	4 Marks

Data Flow Diagrams:

The DFD shows how data enters the system as a CSV dataset, how Tableau Desktop processes the data to generate visualizations, and how dashboards are published to Tableau Public for user access.



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
Student / Data Analyst	Dataset Loading	USN-1	As a user, I can load the housing dataset into Tableau Desktop for analysis	Dataset is successfully loaded and visible in Tableau	High	Sprint-1
Student / Data Analyst	Data Visualization	USN-2	As a user, I can create visualizations such as charts and KPI indicators using Tableau	Visualizations are created and display correct data	High	Sprint-1
Student / Data Analyst	Dashboard Creation	USN-3	As a user, I can create an interactive dashboard combining multiple visualizations	Dashboard displays all visualizations correctly	High	Sprint-1
Student / Data Analyst	Story Creation	USN-4	As a user, I can create a Tableau Story to present insights step-by-step	Story is created and shows visualizations in sequence	Medium	Sprint-1
Student / Data Analyst	Dashboard Publishing	USN-5	As a user, I can publish the dashboard to Tableau Public	Dashboard is accessible via public link	High	Sprint-1
Web User / Stakeholder	Dashboard Viewing	USN-6	As a user, I can view the housing market dashboard through a web browser	Dashboard loads and displays correctly	High	Sprint-1
Web User / Stakeholder	Dashboard Interaction	USN-7	As a user, I can interact with dashboard filters and visualizations	Filters and visualizations respond correctly	Medium	Sprint-1
Administrator / Developer	Web Integration	USN-8	As a developer, I can integrate the Tableau dashboard into a Flask web application	Dashboard is embedded and accessible via web interface	High	Sprint-2
Administrator / Developer	Dashboard Update	USN-9	As a developer, I can update dataset and republish dashboard when needed	Updated dashboard reflects new data	Medium	Sprint-2

