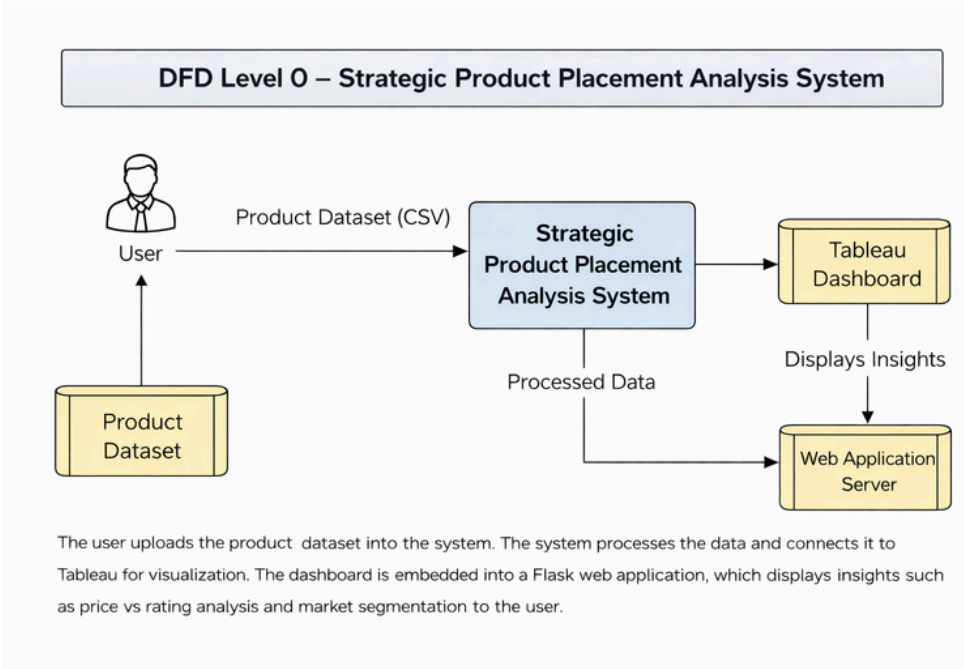
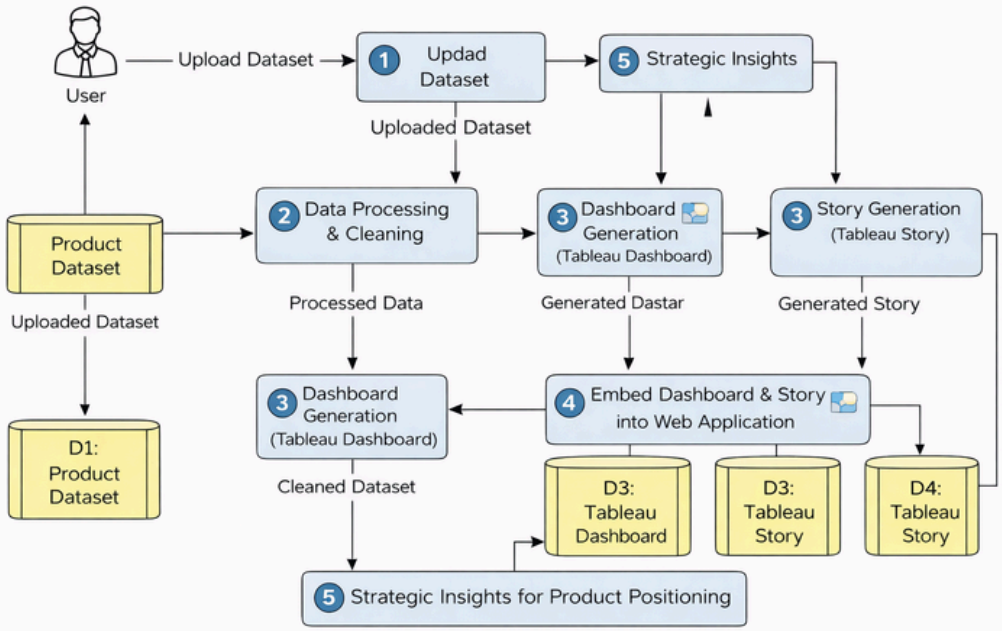
Project Design Phase-II
Data Flow Diagram & User Stories

Date	06 February 2026
Team ID	LTVIP2026TMIDS49558
Project Name	Strategic Product Placement Analysis: Unveiling Sales Impact with Tableau Visualization
Maximum Marks	4 Marks

Data Flow Diagrams:





User Stories

User Type	Functional Requirement (Epic)	User Story Number USN-1	User Story / Task	Acceptance criteria	Priority	Release
Product Manager/ Analyst	DataUpload		I want to upload product dataset (CSV/Excel) so that I can analyze pricing and customer ratings	Dataset uploads successfully	High	Sprint-1
	Data Preprocessing	USN-2	I want the system to clean and process the dataset so that incorrect or missing values are handled.	Missing values are identified, Duplicate entries are removed, clean data is prepared for visualization	Low	Sprint-2
	Data visualization	USN-3	I want to view interactive dashboards showing price vs rating analysis.	Scatter plot displays price vs customer rating and Filters for category and price range are available	High	Sprint-1
	Data visualization	USN-4	I want to view story-based insights so that I can understand product positioning clearly.	□ Story presents step-by-step insights □ Each slide explains a key observation	High	Sprint-1
	Analysis	USN-5	I want to detect market gaps where high demand and low competition exist.	□ Visualization highlights opportunity zones □ Insights show potential positioning strategy	Medium	Sprint-1