

Project Design Phase-II

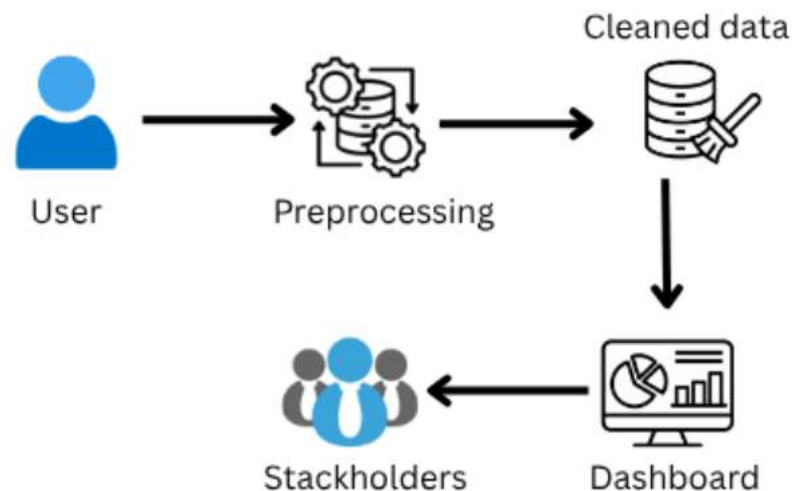
Data Flow Diagram & User Stories

Date	26 June 2025
Team ID	LTVIP2025TMID20736
Project Name	Strategic Product Placement Analysis: Unveiling Sales Impact With Tableau Visualization
Maximum Marks	4 Marks

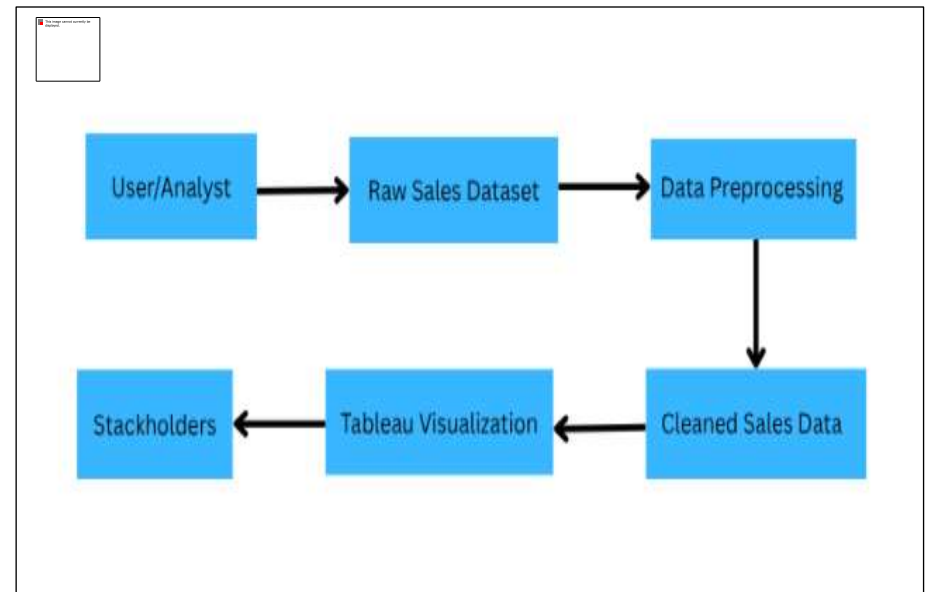
Data Flow Diagrams:

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.

Example: [\(Simplified\)](#)



Example: DFD Level 0



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
Analyst (Team Member)	Data Upload & Preprocessing	USN-1	As a team member, I can upload and preprocess the dataset using Python	Cleaned dataset is available for visualization	High	Sprint-1
	Requirement Documentation	USN-2	As a team member, I can create a customer journey map and data flow diagram	Journey map and DFD are created and documented	High	Sprint-1
	Requirement Finalization	USN-3	As a team member, I can define solution requirements and technology stack	Requirement docs and tech stack table are finalized	Medium	Sprint-1
Data Analyst	Dashboard Creation	USN-4	As a data analyst, I can import the processed data into Tableau	Tableau can connect and read data properly	High	Sprint-2
	Visualization & Filters	USN-5	As a data analyst, I can apply filters and heatmaps for sales insight visualization	Filtered dashboards with heatmaps are generated	High	Sprint-2
	Report Generation	USN-6	As a data analyst, I can take screenshots and generate reports for insights	Screenshots and summary reports are available	Medium	Sprint-3
Admin (Team Leader)	Review & Submission	USN-7	As a team leader, I can review files and upload final project to GitHub	All project files are reviewed and submitted on GitHub	High	Sprint-4
	Final Documentation & Demo Video	USN-8	As a team leader, I can ensure final documentation and video demo are prepared	Final report and video are available for submission	High	Sprint-4