

Requirement Analysis

Data Flow Diagram & User Stories

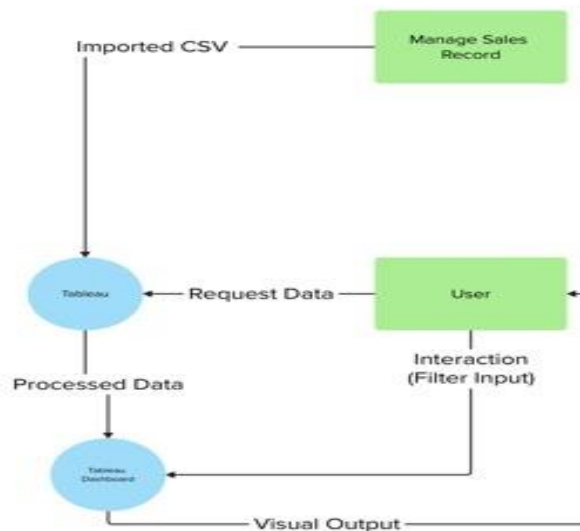
Date	18 June 2025
Team ID	LTVIP2025TMID47637
Project Name	strategic product placement analysis: unveiling sales impact with tableau visualization
Maximum Marks	4 Marks

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:

Data Flow Diagram



USER STORIES:

User Type	Functional Requirements (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Dashboard Viewer (Manger)	View Dashboard	USN-1	As a user, I want to view a dashboard with product sales and positioning analysis.	User can view a dashboard with sales by product category and placement.	High	Sprint-2
	Apply Filters	USN-2	As a user, I want to filter dashboard data by branch, city, and category	Filters work properly and update charts dynamically.	High	Sprint-2
	Compare Sales Trends	USN-3	As a user, I want to compare product performance across different placements.	User can see comparison across Aisle, End-cap, Shelf	Medium	Sprint-3
Analyst (Team Member)	Prepare Dataset	USN-4	As a data analyst, I want to clean and preprocess the dataset before importing into Tableau	Dataset cleaned with correct types, missing values handled	High	Sprint-1
	Create Visualizations	USN-5	As a data analyst, I want to build interactive charts in Tableau based on insights	Charts are created (Bar, Heatmap, Donut, etc.) and added to dashboard	High	Sprint-2
Admin (Team Lead)	Documentation & GitHub upload	USN-6	As an admin, I want to upload final dashboards and documentation to Github..	Files available on GitHub with proper folder structure and README	High	Sprint-4
Stakeholder (Mentor)	Receive Insights	USN-7	As a stakeholder, I want to get quick insight from the dashboard without digging into raw data	Metrics are highlighted clearly, story points guide the interpretation.	High	Sprint-4

