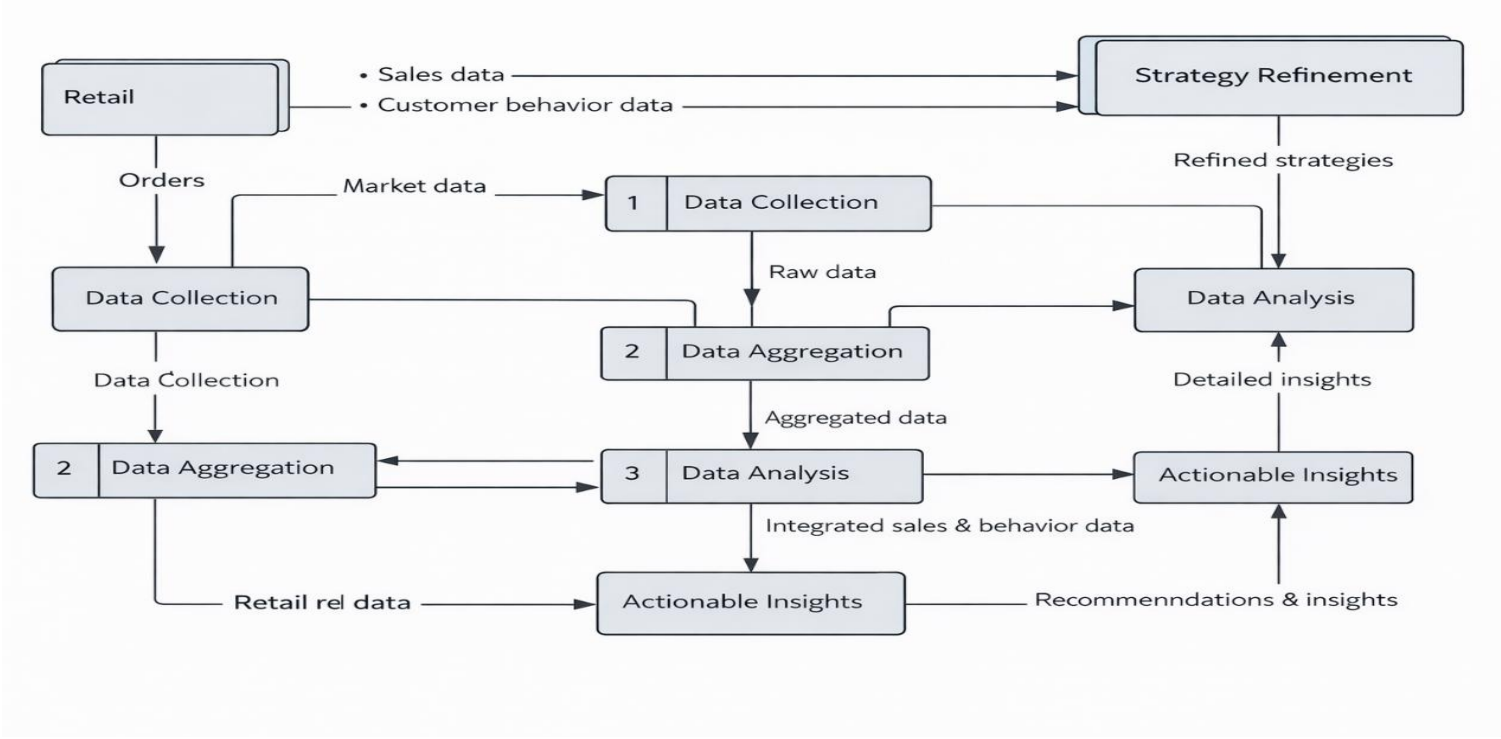
Project Design Phase-II
Data Flow Diagram & User Stories

Date	31 January 2025
Team ID	LTVIP2026TMIDS38827
Project Name	Strategic Product Placement Analysis
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.



USER STORIES – STRATEGIC PLACEMENT ANALYSIS SYSTEM

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Business Analyst	Data Input	US-1	As a business analyst, I can upload demographic and location data for analysis.	System successfully uploads and stores data without errors.	High	Sprint-1
Business Analyst	Market Analysis	US-2	As a business analyst, I can analyze market demand for a selected location.	System generates demand analysis report based on input data.	High	Sprint-1
Business Owner	Location Comparison	US-3	As a business owner, I can compare multiple locations before making a decision.	System displays comparison metrics (population, competition, revenue potential).	High	Sprint-2
Administrator	Data Management	US-4	As an admin, I can update or manage market and competitor data.	Updated data is reflected in future analysis reports.	Medium	Sprint-2
Business Owner	Report Generation	US-5	As a business owner, I can generate a strategic placement report.	Downloadable report (PDF/summary) is generated with recommendations.	High	Sprint-2