

Project Design Phase-II

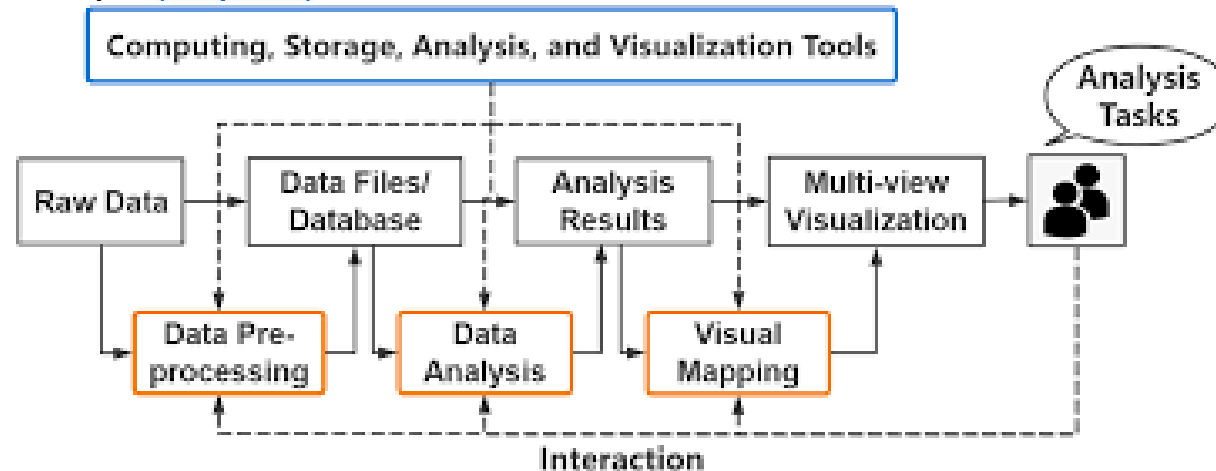
Data Flow Diagram & User Stories

Date	25 June 2025
Team ID	LTVIP2025TMID51754
Project Name	Comprehensive Analysis and Dietary Strategies with Tableau: A College Food Choices Case Study
Maximum Marks	5

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: [\(Simplified\)](#)



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
Customer (Mobile User)	Registration	USN-1	As a user, I can register using my email, password, and confirm password.	I can access my account / dashboard.	High	Sprint-1
		USN-2	As a user, I receive a confirmation email upon registration.	I receive an email and click confirm.	High	Sprint-1
		USN-3	As a user, I can register using Facebook.	I can log in and access dashboard via Facebook.	Low	Sprint-2
		USN-4	As a user, I can register using Gmail.	I can log in using my Gmail account.	Medium	Sprint-1
	Login	USN-5	As a user, I can log in using my email and password.	I can access dashboard after login.	High	Sprint-1
	Dashboard	USN-6	As a student, I can view my meal data, food expenditure, and health tips.	The dashboard shows my food trends with charts and summaries.	High	Sprint-2
		USN-7	As a user, I can view the nearest charging stations using a map.	The map updates based on location.	Medium	Sprint-2
Customer (Web User)	Meal Insights	USN-8	As a student, I can view calorie intake trends from past meals.	Charts show calories per meal/day/week.	High	Sprint-2
	Food Preferences	USN-9	As a student, I can filter food data by taste (spicy/sweet), type (veg/non-veg), and cost.	Charts and recommendations update based on filters.	High	Sprint-2
	Download Reports	USN-10	As a student, I can download my meal and health reports.	PDF report is generated and downloaded.	Medium	Sprint-3
Customer Care Executive	Support View	USN-11	As a support agent, I can view user queries or feedback regarding stations.	Ticket system or feedback log is visible.	Medium	Sprint-3
	Update Info	USN-12	As a support agent, I can request updates to charging station data.	Request is sent to admin.	Low	Sprint-3