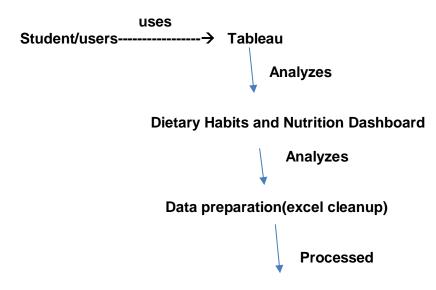
Project Design Phase-II Data Flow Diagram & User Stories

Date	25 june 2025
Team ID	LTVIP2025TMID51515
1 reject rtaine	Comprehensive analysis and dietary strategies with tableau: A College food choices case study
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:



Raw survey data(excel)

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
Student	Interactive Dashboard	USN-1	. As a student ,I want to explore my food consumption insights and compare with peers.	Dashboard filters based on gender,age,BMI,dietary type,and gives personalized suggestions.	High	Sprint-1
Nutrition Analyst	Health Metrics	USN-2	As a nutritionist,I want to track nutrition gaps and dietary trends	KPI cards display stats like calorie intake,fruit/veg servings ,protein/fiber deficiency	High	Sprint-1
College Admin	Student Wellness Overview	USN-3	As an admin,I wanta summary of students dietary wellness for policy making.	Overview of food trends and alerts for unhealthy behaviour spikes across student groups	Medium	Sprint-1
Data Engineer	Data preparation and ETL	USN-4	As a data engineer ,I want to clean and load survey data into tableau property.	Data cleaned, categorized and loaded into tableau prep,ensuring visualization are accurate	Hlgh	Sprint-1
Public Health Officer	Dietary Insights Snapshot	USN-5	As an officer ,I want a high level snapshot of student nutrition for campaigns	Auto generated insights on top nutrition risk and improvement trends visible on dashboards	Medium	Sprint-2
Analyst Scenario Simulation USN-6	USN-6	As an analyst ,I want to simulate dietary behavior changes and measure impact	Allows hypothetical input like increase breakfast intake to simulate BMI or nutrition score change	Low	Sprint-2	