Project Design Phase-II
Data Flow Diagram & User Stories

Date	29 June 2025
Team ID	LTVIP2025TMID48306
Project Name	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.

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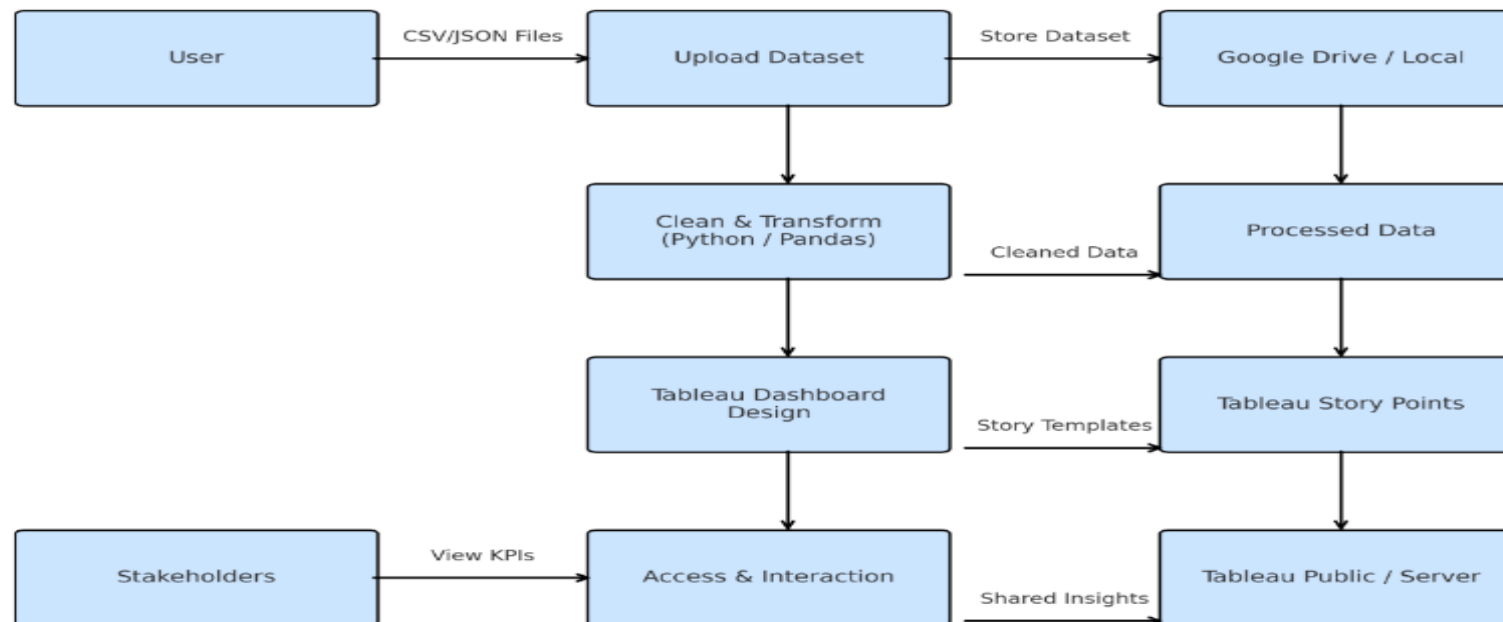
User Stories

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 (Web user)	Data Upload & Integration	USN-1	As a user, I can upload a CSV file to analyze college food choices.	CSV file is successfully uploaded and data is displayed.	High	Sprint-1
		USN-2	As a user, I can connect Tableau to my dataset for visualization.	Tableau successfully connects to uploaded dataset.	High	Sprint-1
	Dashboard Viewing	USN-3	As a user, I can filter data by gender or dietary preference.	Filter options work and update charts accordingly.	Medium	Sprint-2
		USN-4	As a user, I can view visualizations of vitamin intake and weight perception.	All relevant charts load and are interactive.	High	Sprint-2
Customer Care Executive	User Insights	USN-5	As a care executive, I can view summary reports on student health data.	Reports generate correctly and reflect latest data.	Medium	Sprint-3
Administrator	Data Management	USN-6	As an admin, I can clean and preprocess uploaded data.	Missing values and categorical columns are handled correctly.	High	Sprint-1
	Access Control	USN-7	As an admin, I can manage user roles (viewer, editor).	Users have restricted access based on roles.	High	Sprint-2