

Project Design Phase-II

Data Flow Diagram & User Stories

Date	30 October 2023
Team ID	NM2023TMID03207
Project Name	Indian Food EDA
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: DFD Level 0 (Industry Standard)

DATAFLOW
Indian Food EDA

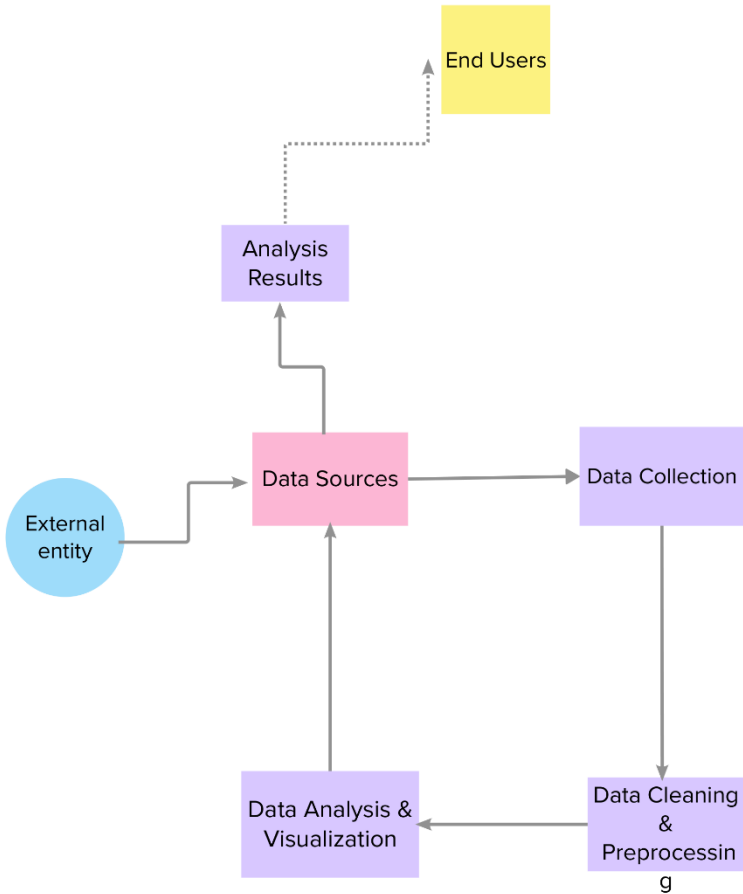
FLOW KEY

	Data This small rectangle is used for data that is required frequently or is produced in the process.
	Process This shape is used for actions or instructions, the things that must be done.
	External entity It is where data comes from or goes to. It is external to the process.
	Connects elements of the flow.

VISUAL KEY

You can also make your diagrams more engaging by using images and icons!

	Data
	Process
	External entity
	Add your own!



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
Data Analyst	Access to Comprehensive Dataset	US001	As a Data Analyst, I want access to a comprehensive dataset on Indian cuisine, so I can perform in-depth exploratory data analysis.	<ul style="list-style-type: none">- Dataset is obtained from reliable sources.- Dataset is cleaned, removing duplicates and handling missing values.- Data is in a structured format suitable for analysis.	High	Sprint-1
Food Enthusiast	Explore Popular Indian Dishes	US002	As a Food Enthusiast, I want to explore popular Indian dishes, understand their ingredients, and discover unique recipes.	<ul style="list-style-type: none">- Dishes are categorized by popularity and region.- Ingredients and cooking methods are clearly listed for each dish.	High	Sprint-1
Researcher	Access to Authentic Culinary Data	US003	As a Researcher, I want access to authentic and detailed information about Indian recipes and cooking methods.	<ul style="list-style-type: none">- Recipes are authentic and sourced from credible culinary references.- Detailed cooking methods and historical context are provided.	High	Sprint-1
Educator	Educational Resources on Data Analysis	US004	As an Educator, I want educational resources and clear explanations on data analysis techniques applied to Indian cuisine.	<ul style="list-style-type: none">- Tutorials are beginner-friendly, explaining each step in the data analysis process.- Examples are related to Indian cuisine for relevance.	Medium	Sprint-1
Food Blogger	Access to Unique Culinary Insights	US005	As a Food Blogger, I want access to unique insights and trends in Indian cuisine, so I can create engaging content for my audience.	<ul style="list-style-type: none">- Insights highlight unique aspects of Indian cuisine, such as rare ingredients or lesser-known regional dishes.	Medium	Sprint-2

				- Trends are visually presented for easy understanding.		
Product Developer	User Preferences and Trends Analysis	US006	As a Product Developer, I want to understand user preferences and trends in Indian food, so I can enhance our app/website features.	<ul style="list-style-type: none"> - User engagement metrics are analyzed to identify popular features. - Trends data is used to develop new features catering to user interests. 	High	Sprint-2
Cooking Enthusiast	Seasonal Variations in Indian Cuisine	US007	As a Cooking Enthusiast, I want to explore seasonal variations in Indian ingredients and dishes.	<ul style="list-style-type: none"> - Dishes are tagged with seasonal ingredients. - Cooking methods related to specific seasons are explained. 	Medium	Sprint-3
Culinary Student	Access to Varied Indian Recipes	US008	As a Culinary Student, I want access to a variety of Indian recipes categorized by region and difficulty level.	<ul style="list-style-type: none"> - Recipes are categorized based on regions (e.g., North Indian, South Indian) and difficulty levels (easy, intermediate, advanced). - Clear instructions accompany each recipe. 	High	Sprint-3
Social Media Influencer	Visual Dashboards for Food Trends	US009	As a Social Media Influencer, I want visually appealing and interactive dashboards showcasing Indian food trends and popularity.	<ul style="list-style-type: none"> - Dashboards are visually engaging with interactive elements like filters and tooltips. - Trends are updated in real-time, reflecting the latest data. 	High	Sprint-4
Restaurant Owner	Menu Refinement based on Popular Dishes	US010	As a Restaurant Owner, I want insights into popular Indian dishes and regional variations, so I can refine my restaurant's menu.	<ul style="list-style-type: none"> - Popular dishes are clearly identified based on customer preferences. - Regional variations guide menu adjustments. 	High	Sprint-4

Nutritionist	Nutritional Analysis of Indian Dishes	US011	As a Nutritionist, I want to perform a nutritional analysis of various Indian dishes to assess their calorie and nutrient content.	<ul style="list-style-type: none"> - Accurate nutritional data, including calories, proteins, fats, and vitamins, are calculated for a wide range of Indian dishes. - Nutritional information is displayed in an easy-to-read format. 	Medium	Sprint-5
Travel Blogger	Regional Culinary Exploration	US012	As a Travel Blogger, I want to explore and document the unique regional cuisines of India, showcasing the diversity of Indian food.	<ul style="list-style-type: none"> - Regional dishes are categorized and accompanied by detailed descriptions of their origin, ingredients, and cultural significance. - High-quality images of each dish are included. 	High	Sprint-5