Project Design Phase-II
Data Flow Diagram & User Stories

Date	3 March 2025
Team ID	PNT2025TMID04288
Project Name	**Global Food Production Trends and Analysis**
Maximum Marks	4 Marks

Data Flow Diagrams:
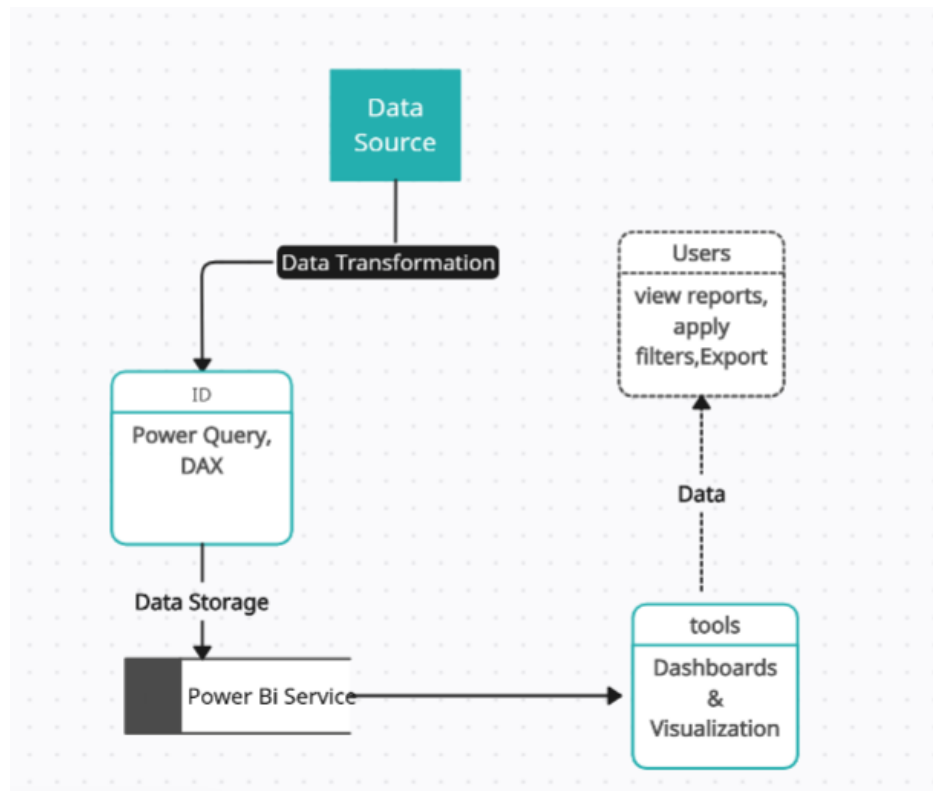
User Stories :-

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority
Developer	Data Collection & Export	GFPTA-2	Downloading dataset	Dataset is downloaded and ready for further processing	Low
Developer	Data Preparation	GFPTA-4	Data Loading	Data is successfully loaded into the system	Low
Developer	Data Preparation	GFPTA-5	Data Cleaning	Data is cleaned, duplicates removed, and formatting corrected	High
Analyst	Data Visualization	GFPTA-7	Visualize data	Data is visualized with accurate charts and graphs	High
Developer	Dashboard	GFPTA-9	Design of Dashboard	Dashboard is designed with relevant metrics displayed	High
Analyst	Report	GFPTA-11	Design of Report	Report is designed with all necessary details and metrics	Medium
Developer	Performance Testing	GFPTA-14	Utilization of filters	Filters are working correctly and show expected results	High
Developer	Performance Testing	GFPTA-13	Amount of data loaded	Data loading process is tested with large datasets	Medium
Developer	Project Demo & Documentation	GFPTA-16	Record video	Video demonstrating project features is recorded	Medium
Project Manager	Project Demo & Documentation	GFPTA-17	Project documentation	Project documentation is completed and available	Medium