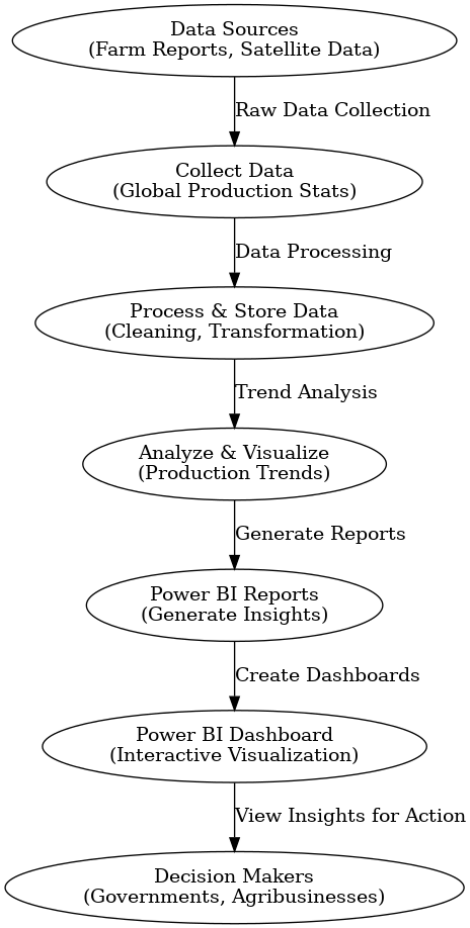
Project Design Phase-II
Data Flow Diagram & User Stories

Date	22 March 2025
Team ID	PNT2025TMID06680
Project Name	Global Food Production Trends and Analysis A Comprehensive Study from 1961 to 2023 Using Power BI
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 graphically depict the right amount of the system requirement. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Data Flow Diagram:



User Stories

Use the template below to list all the product's user stories.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Agronomist / Researcher	Data Collection	USN-1	As a researcher, I can collect and input global food production data.	I can see raw data stored in the system.	High	Sprint-1
	Data Processing & Storage	USN-2	As a researcher, I can process and store agricultural production data.	Processed data is saved in the database.	High	Sprint-1
Data Analyst	Data Analysis	USN-3	As a data analyst, I can analyze trends in global food production.	Trend reports are generated successfully.	High	Sprint-1
	Data Visualization	USN-4	As a data analyst, I can create Power BI visualizations of food production trends.	Power BI charts are available for insights.	High	Sprint-2
Decision Maker	Reporting & Insights	USN-5	As a decision-maker, I can view summarized reports for st[illegible]gic planning	Reports are available for decision-making.	High	Sprint-1