Project Design Phase-II
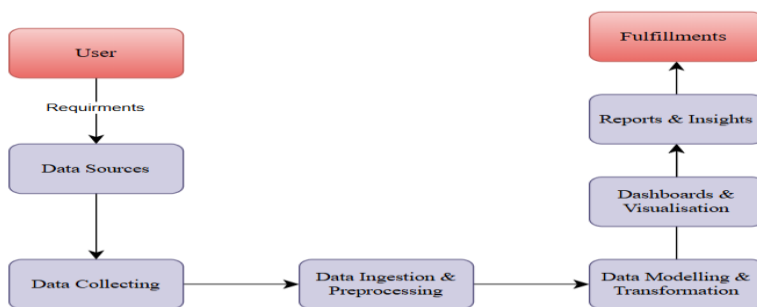
Data Flow Diagrams & User Stories

Date	21 March 2025
Team ID	PNT2025TMID06737
Project Name	Power BI Inflation Analysis Journeying Through Global Economic Terrain
Maximum Marks	4Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a data analysis system. In the context of our Power BI Inflation Analysis project, a neat and clear DFD can graphically depict the flow of inflation data, from data collection and preprocessing to visualization and report generation. It shows how inflation data is gathered from various sources, processed, analyzed, and transformed into interactive dashboards, providing valuable insights for strategic decision-making.

Example of Data Flow Diagram:

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	Data Collection	USN-1	.As a data analyst, I can collect inflation data from various sources to ensure comprehensive analysis.	I can access complete and accurate inflation data.	High	Sprint-1
	Data Standardization	USN-2	As a data analyst, I will receive standardized data that is consistent across different sources	I can work with uniform data for reliable analysis.	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Data Visualization	USN-3	As a data analyst, I can visualize inflation trends using interactive dashboards.	I can view clear and insightful visualizations of inflation data.	Medium	Sprint-2
	Data Reporting	USN-4	As a data analyst, I can generate comprehensive reports on inflation trends and predictions.I	I can produce reports that summarize key findings and insights.	Medium	Sprint-1
Business User	Dashboard Access	USN-5	As a business user, I can log into the dashboard to view inflation analysis and insights.	I can easily navigate and interact with the dashboard.	High	Sprint-1