Project Design Phase-II
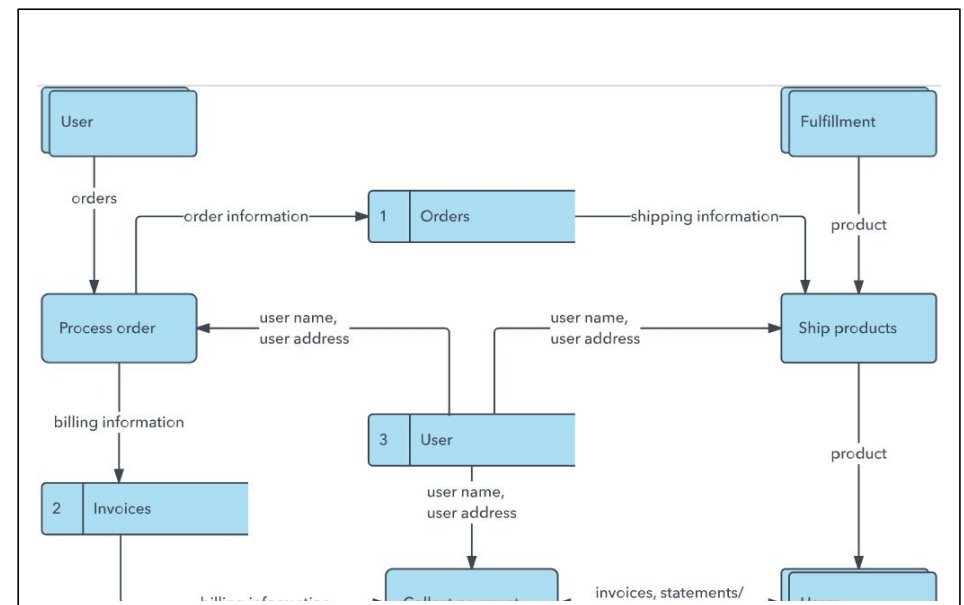## Data Flow Diagram & User Stories

Date	27 MARCH 2025
Team ID	PNT2025TMID06667
Project Name	Project - Power BI Inflation Analysis Journeying Through Global Economic Terrain.
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)

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
Analyst (Power BI User)	Dashboard Access	USN-1	As a user, I can access the Power BI dashboard to view real-time inflation trends.	I can log in and see country-wise inflation insights.	High	Sprint-1
Analyst (Power BI User)	Data Filtering & Customization	USN-2	As a user, I can apply filters to analyze inflation data by country, sector, or year..	I can filter data dynamically and view updated charts.	High	Sprint-1
Economist / Researcher	Predictive Analytics	USN-3	As a user, I can view AI-driven inflation forecasts based on historical data.	I can generate predictive insights for future trends.	High	Sprint-2
Business Executive	Custom Reports & Export	USN-4	As a user, I can export inflation reports in PDF, Excel, and PowerPoint formats.	I can download reports with visualized data.	Medium	Sprint-2
Government Official	Correlation Insights	USN-5	As a user, I can compare inflation rates with GDP, interest rates, and unemployment.	I can visualize correlations between inflation and key economic indicators.	High	Sprint-1
API User (External System)	API Integration	USN-6	As a developer, I can connect external applications to the Power BI data via APIs.	I can retrieve real-time inflation data using the API.	Low	Sprint-3
Economist / Researcher	Predictive Analytics	USN-3	As a user, I can view AI-driven inflation forecasts based on historical data.	I can generate predictive insights for future trends.	High	Sprint-2
Business Executive	Custom Reports & Export	USN-4	As a user, I can export inflation reports in PDF, Excel, and PowerPoint formats.	I can download reports with visualized data.	Medium	Sprint-2

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