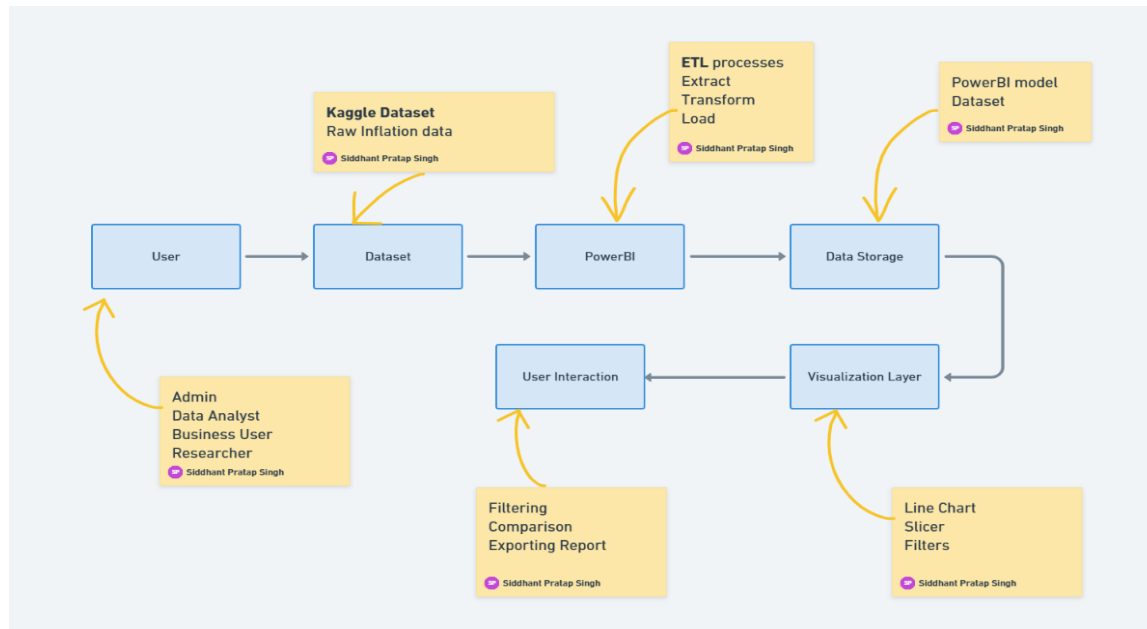


## Project Design Phase-II Data Flow Diagram & User Stories

Date	06 March 2025
Team ID	PNT2025TMID00093
Project Name	Power BI Inflation Analysis: Journeying Through Global Economic Terrain
Maximum Marks	4 Marks

### Data Flow Diagrams:



## 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 Loading & Transformation	US-01	Load Kaggle dataset into Power BI	Dataset is successfully imported and visible in Power BI	High	V1.0
Data Analyst	Data Cleaning & Processing	US-02	Transform and clean the dataset (remove nulls, format data)	Data is cleaned, formatted, and ready for visualization	High	V1.0
Business User	Data Visualization	US-03	Display inflation trends using a line chart	Line chart accurately reflects the selected data	High	V1.0
Business User	Data Filtering	US-04	Implement a country-wise slicer for comparison	Users can select multiple countries and view separate lines on the chart	High	V1.0
Researcher	Historical Trend Analysis	US-05	View inflation trends over time	Users can see year-wise inflation data from 1980–2024	Medium	V1.1
System Admin	Performance Optimization	US-06	Ensure smooth performance for large datasets	Dashboard loads within 5 seconds for standard queries	High	V1.1
Business User	Data Export	US-07	Export filtered data for offline analysis	Users can download reports in CSV/Excel format	Medium	V1.2
System Admin	Security & Access Control	US-08	Restrict access based on user roles	Only authorized users can modify reports	High	V1.2