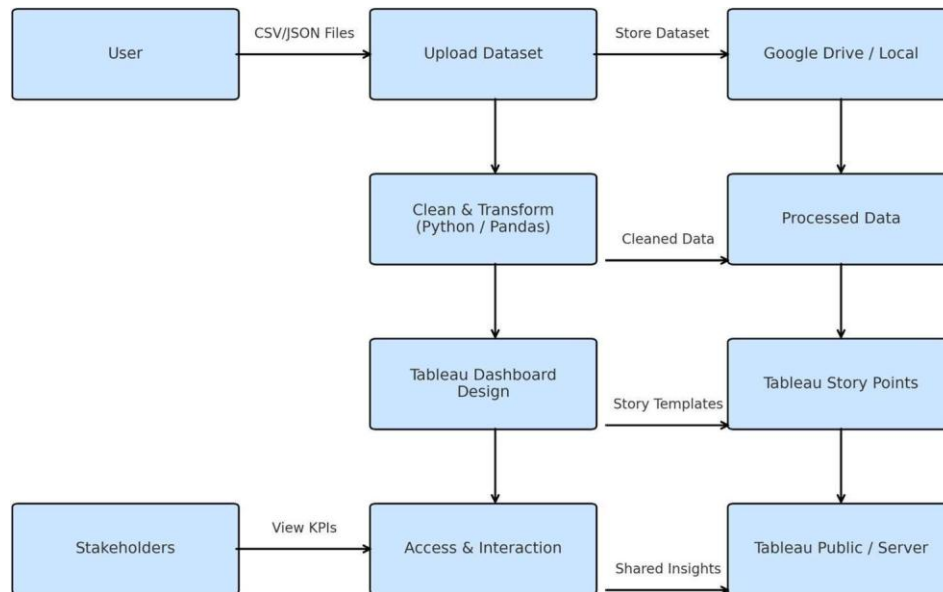| Date	31 January 2026
Team ID	LTVIP2026TMIDS61214
Project Name	I Revolution_ A Data-driven Exploration of Apple's iPhone Impact in India using tableau
Maximum Marks	4 Marks

DATA FLOW DIAGRAM

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.

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 want to collect iPhone sales and market data in India so that I can analyze market trends.	iPhone dataset is collected and loaded into Tableau	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Data Analyst	Data Extraction	USN-2	As a data analyst, I want to extract data from CSV/online sources for analysis.	Data is successfully extracted without errors	High	Sprint-1
Data Analyst	Data Preparation	USN-3	As a data analyst, I want to clean and preprocess iPhone sales data to remove missing and inconsistent values.	Clean and structured dataset is available	High	Sprint-1
Data Analyst	Market Analysis	USN-4	As a data analyst, I want to analyze iPhone market penetration across different years and regions in India.	Regional and year-wise analysis charts are generated	Medium	Sprint-1
Business User	Data Visualization	USN-5	As a business user, I want to view visual charts showing iPhone sales trends and growth.	Interactive visualizations are displayed correctly	High	Sprint-1
Business User	Dashboard	USN-6	As a business user, I want a single dashboard to view all key iPhone market insights.	Dashboard displays all important KPIs and charts	High	Sprint-1
Stakeholder	Story	USN-7	As a stakeholder, I want a Tableau story to understand insights step by step.	Story presents insights in a clear sequence	Medium	Sprint-2
Project Manager	Report	USN-8	As a project	Report	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
			manager, I want a report summarizing the analysis and insights.	includes visuals and explanations		
Administrator	Performance Testing	USN-9	As an administrator, I want to test dashboard performance for smooth interaction.	Dashboard loads within acceptable time	Low	Sprint-2
Administrator	Web Integration	USN-10	As an administrator, I want to integrate the Tableau dashboard into a web application.	Dashboard is accessible through a web browser	Medium	Sprint-2
End User	Online Access	USN-11	As an end user, I want to access the iPhone analysis dashboard online without installing Tableau.	Dashboard opens successfully via web link	Medium	Sprint-2