

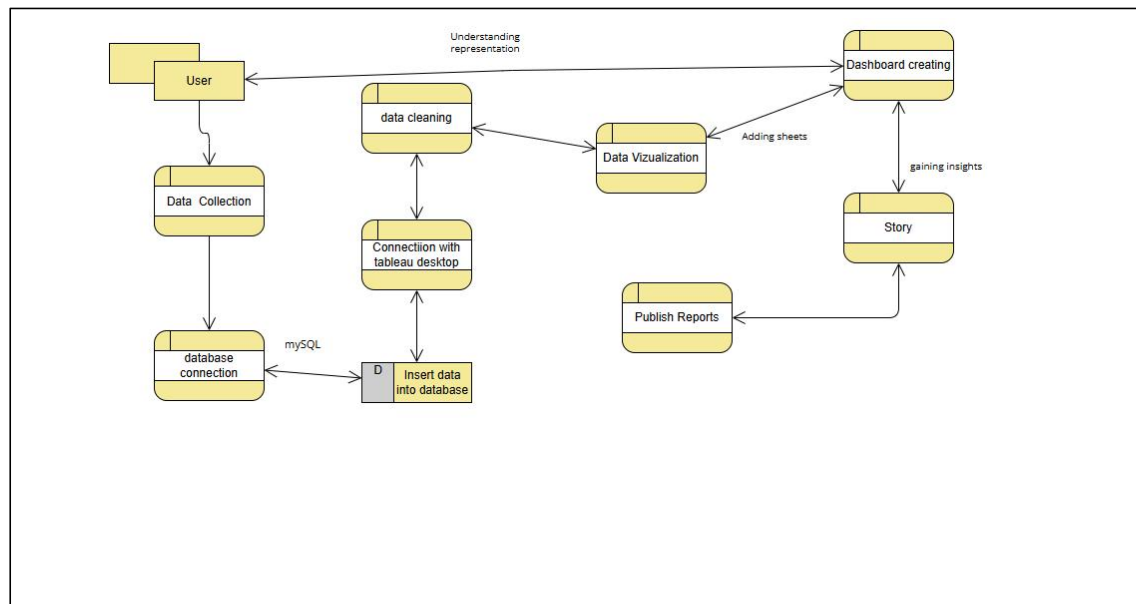
## Project Design Phase-II

### Data Flow Diagram & User Stories

Date	31 January 2025
Team ID	LTVIP2025TMID49338
Project Name	iRevolution: a data-driven exploration of apple's iphone impact in India using tableau
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.



## 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 Engineer	Data Collection and Extraction	USN-1	As a data engineer, I want to extract data from local systems and store it in the DB.	Data is successfully extracted and stored in a database.	High	Sprint-1
Data Engineer	Data Collection and Extraction	USN-2	As a data engineer, I want to clean and preprocess the data for analysis.	Cleaned data is ready for visualization without missing values.	High	Sprint-1
Data Analyst	Creating Visualizations	USN-3	As a data analyst, I want to create visual charts of iPhone sales data.	Visualizations display correctly using Tableau.	High	Sprint-1
Data Analyst	Dashboard Building	USN-4	As a data analyst, I want to build dashboards from the visualizations.	Dashboards show compiled insights with filter options.	Medium	Sprint-2
Business Analyst	Analyzing Patterns & Creating Stories	USN-5	As a business analyst, I want to analyze dashboards and generate narrative stories.	Insights and trends are written as structured stories.	Medium	Sprint-2
Public / Viewer	Viewing Insights & Stories	USN-6	As a user, I want to filter data by region and year.	I can interact with dashboards and read stories.	High	Sprint-2
Public / Viewer	Viewing Insights & Stories	USN-7	As a user, I want to view iPhone adoption patterns across India.	Filter options allow dynamic view changes.	Low	Sprint-3
Admin / Analyst	Publish Results	UNS-8	As an admin, I want to publish the final dashboards and stories online.	Users can access the published visualizations and insights.	Medium	Sprint-3