

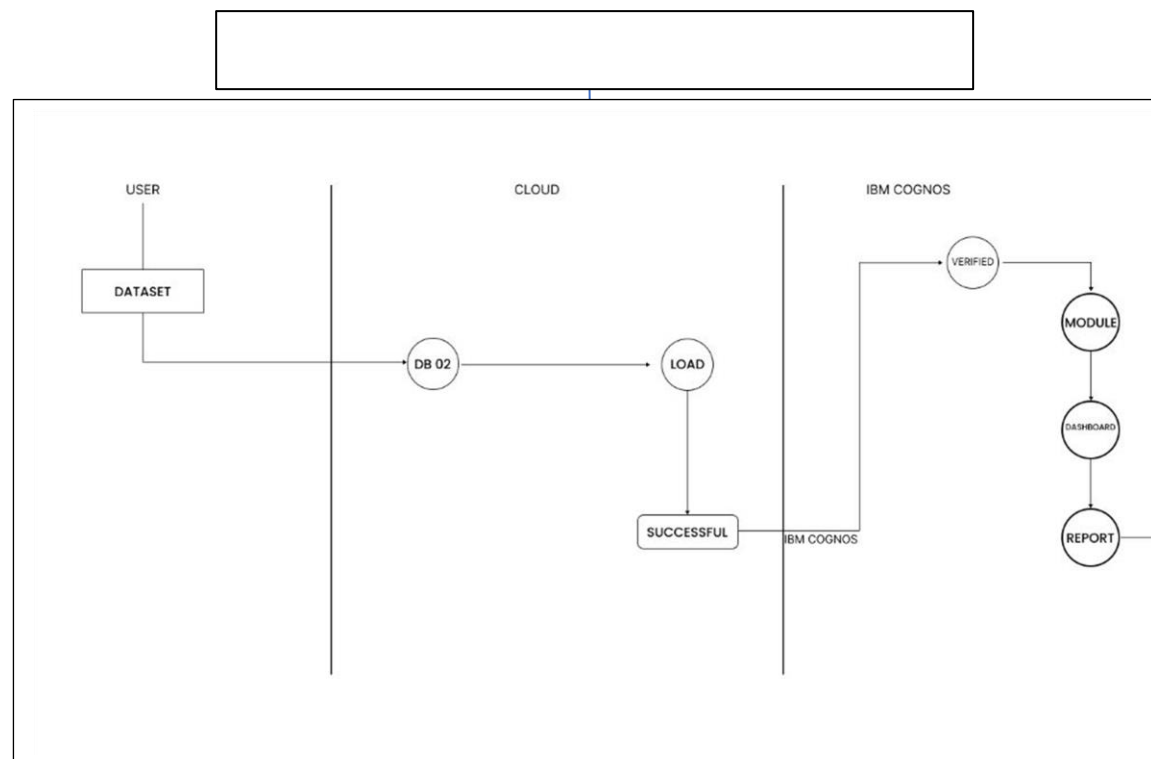
Project Design Phase-II

Data Flow Diagram & User Stories

Date	08 May 2023
Team ID	NM2023TMID11499
Project Name	Dissecting the Digital Landscape : A Comprehensive Analysis of Social Media

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	Team Member
End User	Data Collection	USN-1	As an end user, I want to collect literacy data	- The system should retrieve accurate and up-to-date data	High	GOKUL
Data Analyst	Data Processing	USN-2	As a data analyst, I want to clean and preprocess data	- The system should remove inconsistencies and errors	Medium	PAUL
Data Analyst	Data Analysis	USN-3	As a data analyst, I want to analyze literacy trends	- The system should identify patterns and trends in literacy rates	High	PAUL
End User	Visualization	USN-4	As an end user, I want to view visualizations of literacy data	- The system should present visual representations of literacy rates	High	DHANAPAL
Data Analyst	Reporting	USN-5	As a data analyst, I want to generate reports on literacy rates	- The system should generate comprehensive reports with insights	Medium	PAUL
Security Specialist	Security	USN-6	As a security specialist, I want to implement data security measures	- The system should ensure confidentiality and integrity of literacy data	High	JOHN
System Administrator	Scalability	USN-7	As a system administrator, I want to ensure the system can handle increasing data	- The system should be designed to handle growing volumes of literacy data	High	JUEL
UI/UX Designer	Usability	USN-8	As a UI/UX designer, I want to create a user-friendly interface	- The system should have an intuitive and easy-to-use interface	High	KARTHI
Data Engineer	Performance	USN-9	As a data engineer, I want to optimize data processing	- The system should efficiently process and analyze data	Medium	DHARANI