

Project Design Phase-II

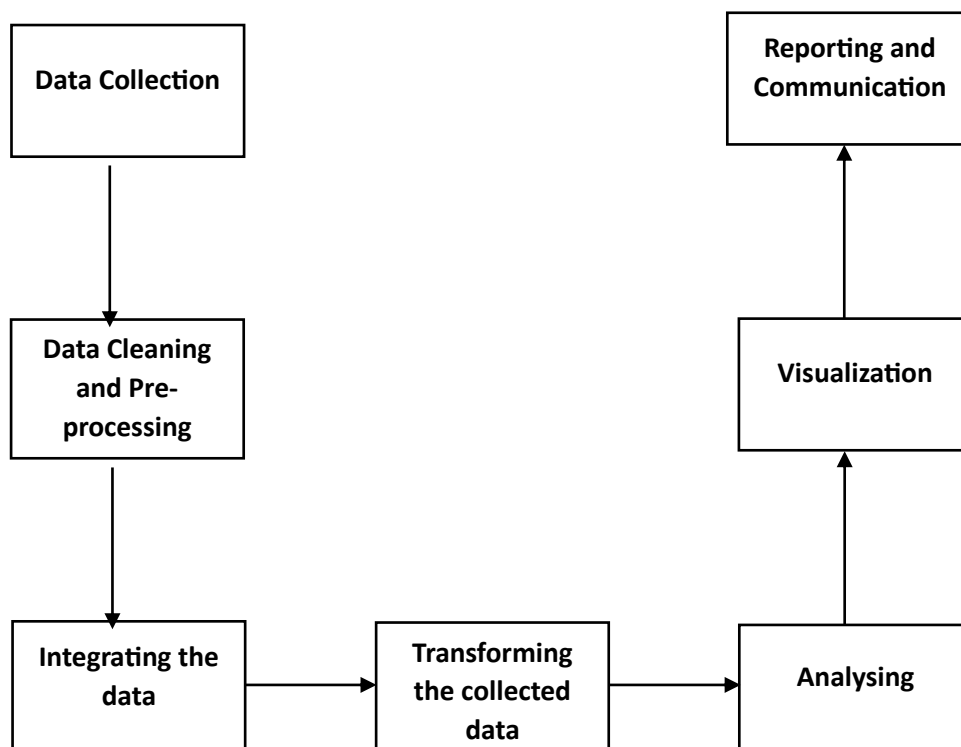
Data Flow Diagram & User Stories

Date	15 May 2023
Team ID	NM2023TMID21570
Project Name	Empowering the Future: A literacy Rate Analysis for a Better Tomorrow
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.

DFD (Empowering the Future: A literacy Rate Analysis for a Better Tomorrow)



User Stories

+User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Team Member
Literacy Analyst	Data Ingestion	US-1	As a literacy analyst, I want to import literacy rate data from various sources into the system for analysis.	The system successfully imports and validates the data.	High	Nandhini J
Government Official	Data Visualization	US-2	As a government official, I want to view literacy rate trends over time through interactive charts and graphs.	The system displays accurate and interactive visualizations.	High	Saranya MN
Educator	Data Analysis	US-3	As an educator, I want to analyze literacy rates by demographics and regions to identify areas that need improvement.	The system provides insightful analysis with actionable insights.	Medium	Karpagavalli M
NGO Representative	Data Export	US-4	As an NGO representative, I want to export literacy rate data in CSV format to share it with partner organizations.	The system exports the data accurately in the desired format.	Medium	Gokulan S
System Administrator	Security	US-5	As a system administrator, I want to ensure the system has robust security measures to protect sensitive literacy data.	The system implements authentication, encryption, and access controls to safeguard the data.	High	Saranya MN