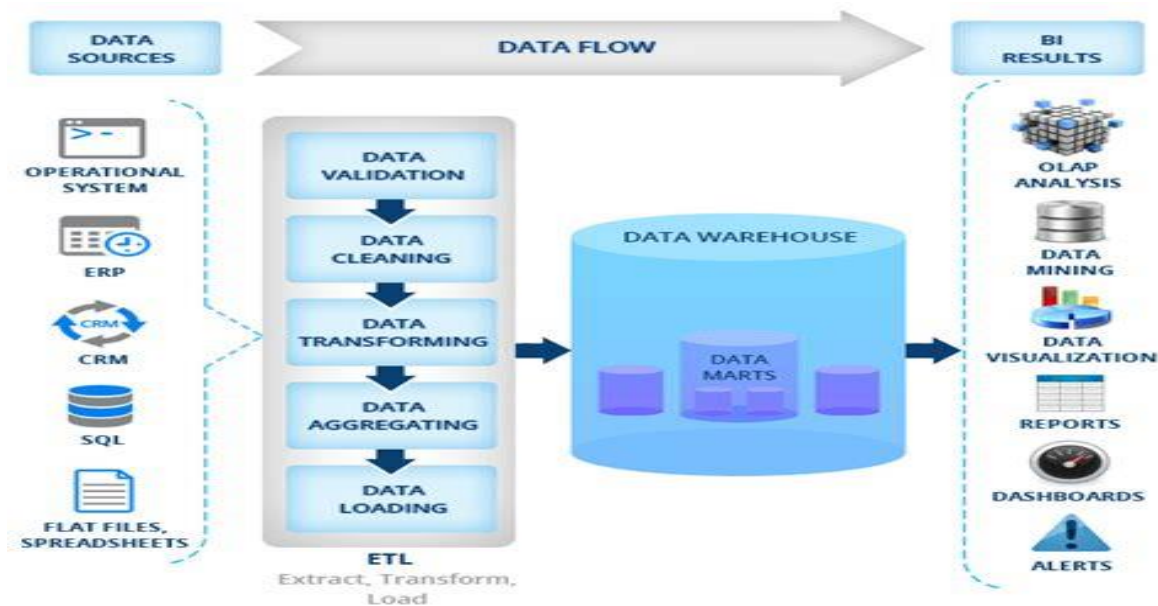


## Project Design Phase-II Data Flow Diagram & User Stories

Date	13 May 2023
Team ID	NM2023TMID00064
Project Name	Project - Global Wealth Divide: A Comprehensive Study of Income Inequality Across the World

### 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:**

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Team Member
Customer (Mobile user & Web user)	Data Collection	USN-1	The system should be able to collect data from various sources such as World Bank, International Monetary Fund (IMF), United Nations (UN), and other relevant organizations on income, wealth, and poverty across the world.	The data collected should be relevant to research question and objective.	High	Dhinakaran
	Data Analysis	USN-2	The system should be able to analyse the collected data and provide a comprehensive study of income inequality across the world.	: The data analysis should be accurate and free from errors. This can be ensured by using appropriate data analysis methods and tools, and by properly training data analysts.	High	Kajendiran
	Visualization	USN-3	The system should be able to present the analysed data in various visual formats such as graphs, charts, and maps to help users easily understand the results.	The visualization should be communicated clearly and effectively to stakeholders in the project. This can include written descriptions, annotations, or presentations.	High	Yogeshwaran
	Comparison	USN-4	The system should be able to compare income inequality across different countries, regions, and income groups to identify patterns and trends.	The comparison should be valid, meaning that it accurately measures what it is intended to measure. This can be ensured by using appropriate comparison methods and tools.	Medium	Shruti
	User Management	USN-5	The system should provide user management features such as registration, login, and access control to restrict access to authorized users only.	The user management system should be able to accommodate growth in the number of users and their access levels.	High	Kajendiran