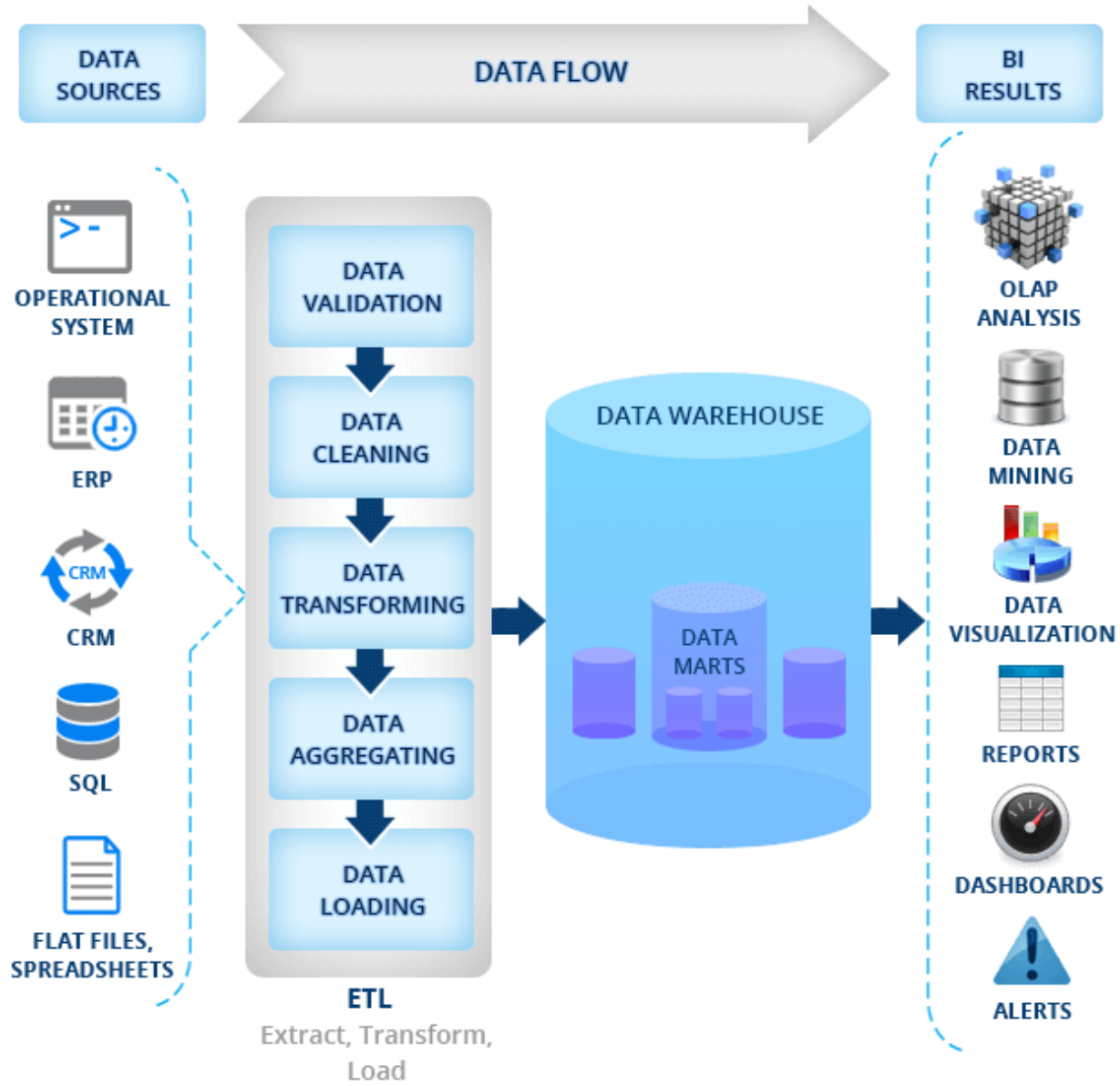


Project Design Phase-II
Data Flow Diagram & User Stories

Date	18 OCT 2023
Team ID	NM2023TMID09398
Project Name	Analysing The Performance & Efficiency Of The Radisson Hotels Using Data Visualization Techniques Using IBM COGNOS
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
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-6	As a user, I expect the dashboard to have an intuitive and user-friendly interface that makes it easy to access and interpret the data.	I can easily navigate to the dashboard from the Radisson Hotels app.	Medium	Sprint-2
Customer (Web user)		USN-1	As a web user, I want the Radisson Hotels website to be responsive, ensuring that I can easily browse and book rooms on various devices, including desktops, laptops, and tablets.	I want to easily find and book a room at a Radisson Hotel through the website for a hassle-free booking process.	High	Sprint-1
Customer Care Executive		USN-1	As a customer Care Executive, I want to visualize customer feedback and sentiment analysis to understand customer satisfaction and areas for improvement.	I can switch between different time frames (e.g., monthly, quarterly) for comparative analysis.	Low	Sprint-1
Administrator		USN-2	As a Administrator, I want visualizations that track customer feedback and sentiment analysis to help improve service quality.	I want the dashboard to provide real-time data updates, ensuring that the insights are up to date and enabling timely decision-making.	Medium	Sprint-2

Hotel executive		USN-1	As a Hotel Executive ,I want a visualization that breaks down operational costs (e.g., labor, utilities, supplies) to identify areas for cost-saving opportunities.	I want a visualization that breaks down operational costs (e.g., labor, utilities, supplies) to identify areas for cost-saving opportunities.	Low	Sprint-2
Financial analyst		USN-2	As a financial analyst, I want a chart that breaks down revenue sources (e.g., room bookings, food and beverage, events) to identify the most profitable segments.	The revenue breakdown chart clearly visualizes the contribution of various revenue sources.	High	Sprint-1
Hotel manager		USN-4	As a Hotel manager ,I want a visualization that tracks and displays historical and current occupancy rates for Radisson Hotels to make informed staffing decisions.	The occupancy trend chart provides a clear visualization of occupancy rates over time.	Low	Sprint-1