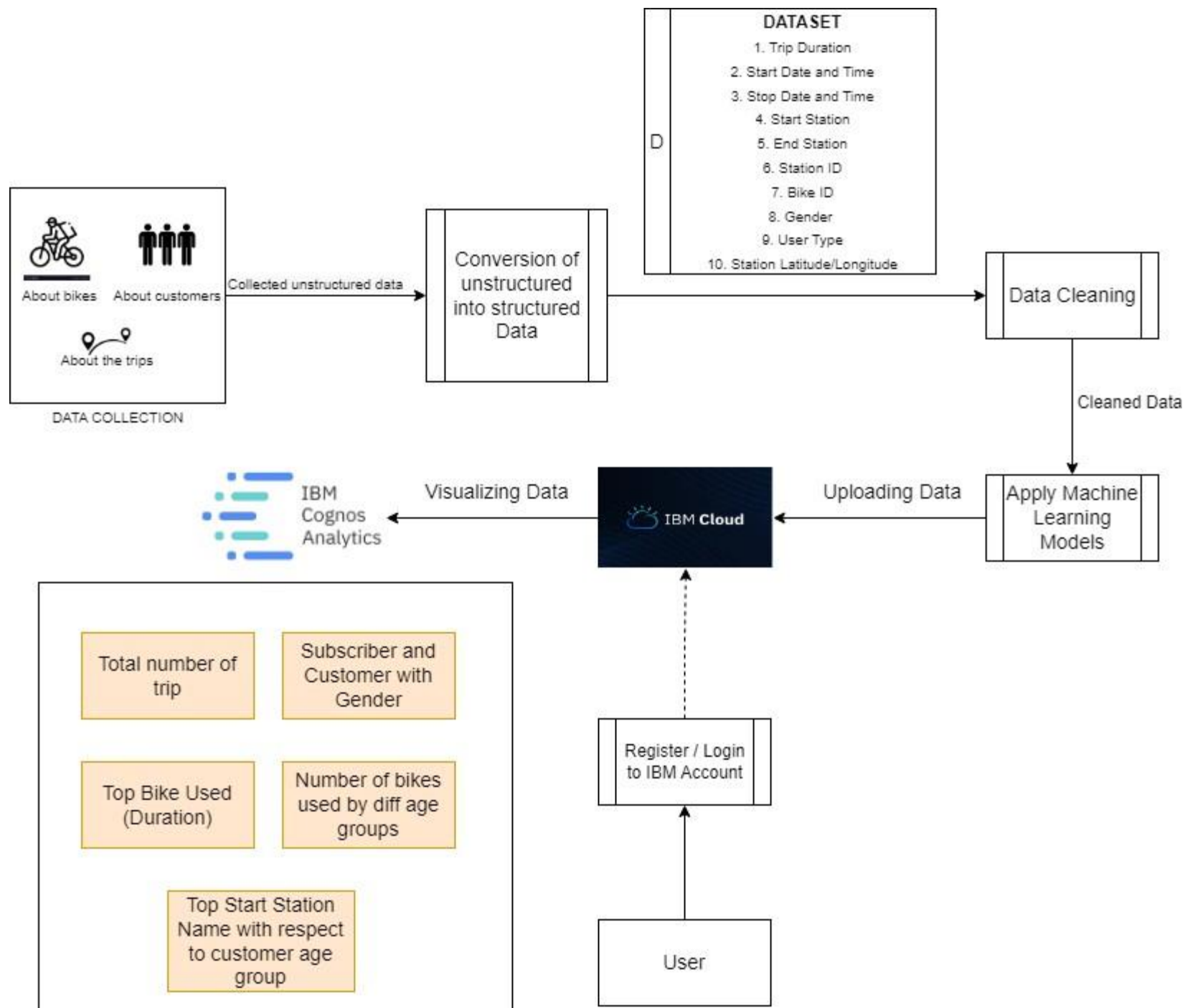


**Project Design Phase-II**  
**Data Flow Diagram & User Stories**

Date	03 October 2022
Team ID	PNT2022TMID19163
Project Name	A New Hint To Transportation - Analysis of the NYC Bike Share System
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,Analysts, Government	Registration	USN-1	As a user, I should be able to register to see the dashboard as a new user	Successful Registration	High	Sprint-1
Customer,Analysts, Government	Login	USN-2	As a user I should be able to login to see the dashboard with the correct credentials	Successful Login with correct credentials	High	Sprint-1
Customer,Analysts, Government	Accessing the dashboard	USN-3	As a user, I should be able to view the visualizations displayed	Should be able to view the following analysis among others : <ol style="list-style-type: none"> <li>1. Total number of trips</li> <li>2. Subscriber and Customer with gender</li> <li>3. Top Bike used with respect to duration</li> <li>4. Number of bikes used by different age groups</li> <li>5. Top start station name with respect to customer age group</li> </ol>	High	Sprint-1
Customer,Analysts,Government	Manipulating the data	USN-4	As a user I should be able to apply some modifications to the data to see how the resultant visualizations change	I should have the permission to manipulate the data	High	Sprint-2
Customer,Analysts,Government	Collection of data	USN-5	Lyft citi bike website provides data for analyse,visualization etc.	Accessing the data in Lyft citi bike	High	Sprint -1
Customer,Analysts,Government	Analysing the data	USN-6	Analysed data is used to create different types visualization and charts.	Can view the analysis	High	Sprint-1