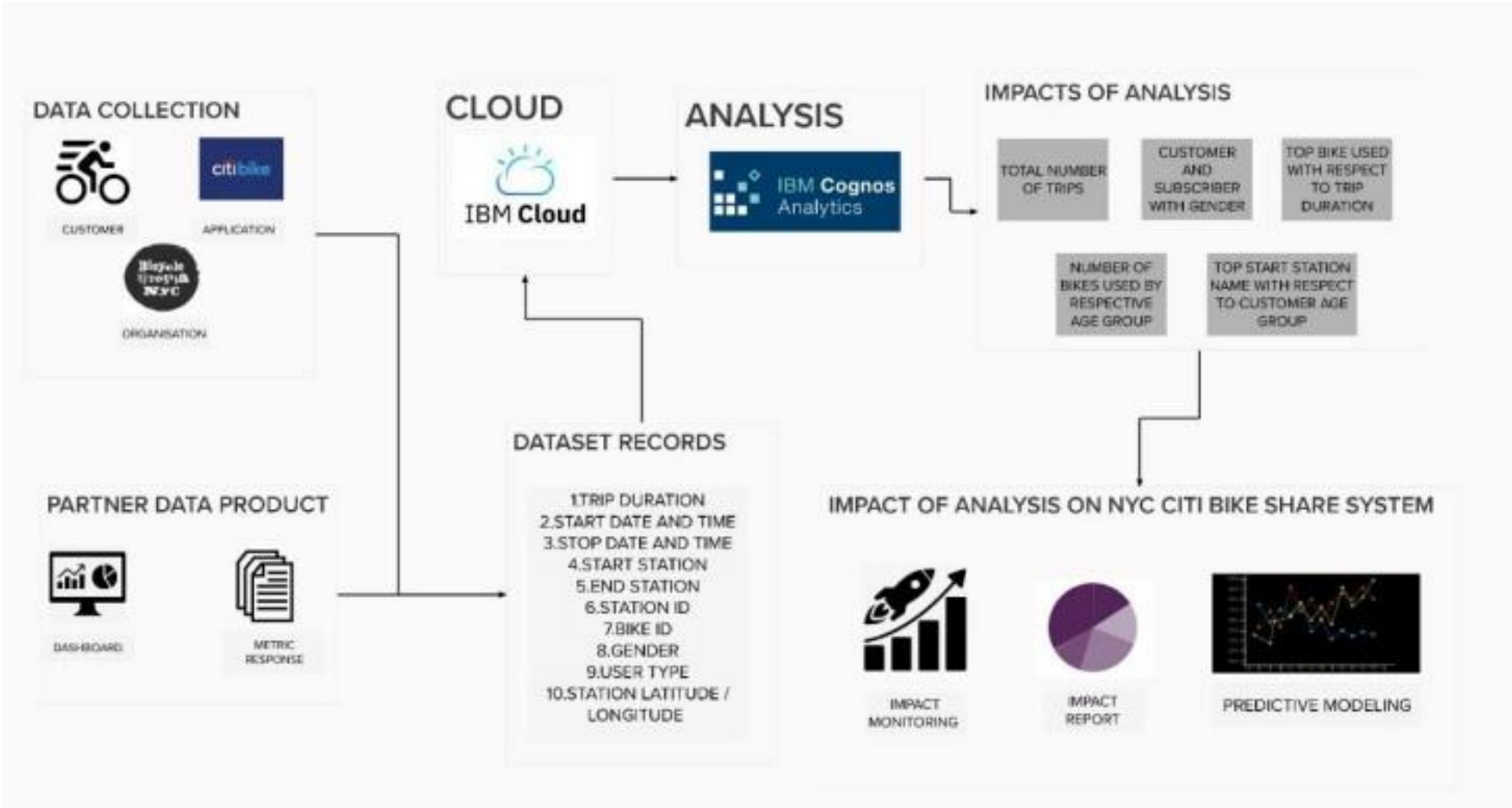
Project Design Phase-II
Data Flow Diagram & User Stories

Date	19 October 2022
Team ID	PNT2022TMID37724
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, Organizations, Government	Collection of user data	USN-1	Lyft citi bike's official website provides the data to help with analysis, development, visualization etc. Data is collected from these published files.	I can access the data on Lyft citi bike's official website	High	Sprint-1
	Analysing the user data	USN-2	This data is used as input for creating various types of visualizations and analysis is done and a dashboard is created	I can view the analysis of the citi bike	High	Sprint-1
	Dashboard	USN-3	The dashboard is used to display the top bike used with respect to trip duration, top 10 Start Station Names with respect to customer age group, to find the customer and subscriber with gender, to find total number of trips & calculating the number of bikes used by respective age groups.	I can register & access the dashboard with login	High	Sprint-2