

Project Design Phase-II

Data Flow Diagram & User Stories

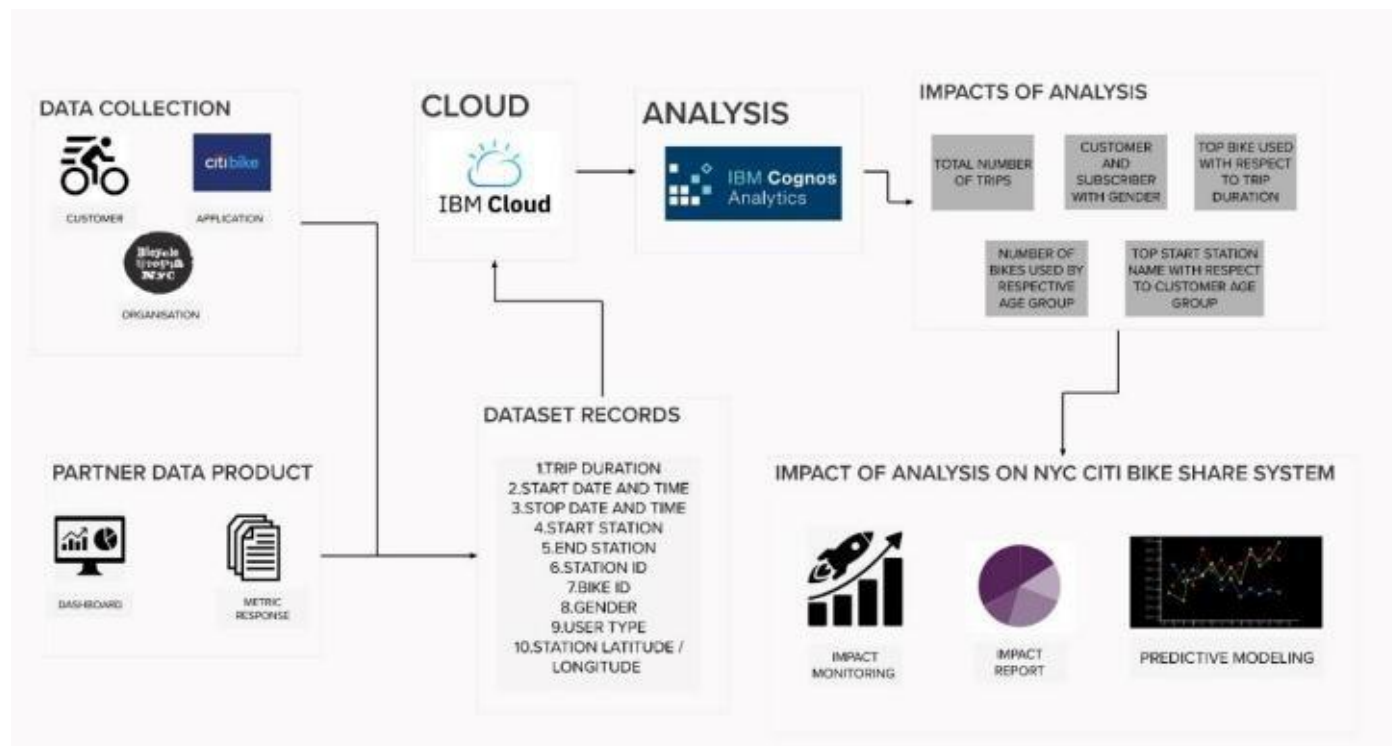
| | |
|---------------|---------------------------------|
| Date | 20 October 2022 |
| Team ID | PNT2022TMID39201 |
| Project Name | Project – NYC Bike Share System |
| Maximum Marks | 4 Marks |

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 |
| Customer, Analysts, Organizations, Government | Analysing the user data | USN-2 | This data is used as input for creating various types of visualizations and analysis | I can view the analysis of the citi bike | High | Sprint-1 |

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|---|-------------------------------|-------------------|--|--|----------|----------|
| | | | is done and a dashboard is created | | | |
| Customer, Analysts, Organizations, Government | 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 | Low | Sprint-2 |