

# **Project Development Phase**

## **Sprint 1**

<b>Team ID</b>	<b>PNT2022TMID47439</b>
<b>Project Title</b>	<b>A New Hint to Transportation-Analysis of the NYC Bike Share System</b>
<b>Team Members</b>	<b>Team leader : Sampras john Team member : Akileshwaran Team member : Prithivirajan Team member : Prabhu</b>

### **Understanding The Dataset**

Let's understand the data we're working with and give a brief overview of what each feature represents or should represent.

1. Trip Duration (seconds) — How long a trip lasted
2. Start Time and Date - Self-explanatory
3. Stop Time and Date - Self-explanatory
4. Start Station Name - Self-explanatory
5. End Station Name - Self-explanatory
6. Station ID - Unique identifier for each station
7. Station Lat/Long - Coordinates
8. Bike ID - unique identifier for each bike
9. Year of Birth - Self-entered, not validated by an ID.
10. Ride ID
11. Rideable type
12. Started at
13. Ended at
14. Start station name
15. Start station ID
16. End station name
17. End station ID
18. Start latitude
19. Start longitude
20. End latitude
21. End Longitude
22. Member or casual ride
23. User Type (Customer = 24-hour pass or 3-day pass user; Subscriber = Annual Member) - Customers are usually tourists, subscribers are usually NYC residents
24. Gender (Zero=unknown; 1=male; 2=female) - Usually unknown for customers since they often sign up at a kiosk