	Team Members
Project Name: A New Hint To Transportation-Analysis Of The NYC Bike Share System **Date of Submission:** 18/08/22	1. Poorvasindhu D 2. Karthick M 3. Ponna Lavakumar 4. Kavya S

Problem Statement: To find

   i.   The total Number of Trips.

   ii.   What is Customer and subscriber with gender.

   iii.   Find the top bike used with respect to trip duration?

   iv.   Calculating the number of bikes used by respective age groups.

   v.   Top 10 Start Station Names with respect to Customer age group

Idea 1:	**Idea 2:**	**Idea 3:**
Identifying station names or location hubs that are frequently used by the customers to expand the availability of bikes during rush hours both in morning and night times. Through data analysis from the past year, we can make effective steps to make more subscribers from customers by modifying the subscription plans. Also making the locking and unlocking way easier and faster like using a QR code might improve the users linearly. Customers can determine the payment option like if they want to pay for the time they used or they can also choose how many miles they have travelled.	The major concern of people is to find to a new bike when it is broken, this can be solved by frequently checking the bikes and the condition of bike can be displayed by an indicator. Health-conscious people can also see the display to know the number of calories they burnt. People carrying heavy backpacks should need some space to put their bags which can be improved by basic designing of the bike. Also, people should be able to adjust the height of the bike to make it more convenient to use.	When people who are not familiar with the city happen to take bike to explore, they do not know the nearest stations that are available. This can be overcome by displaying the nearest station routes to the users on bikes. Improving the docking method, to prevent bikes from theft. Bike least used with respect to trip duration- these can be replaced with top used bikes. They can also teach them some safety measures while riding a bike. City bikes are less desirable to bike thieves. You can find nearest city bikes using app.