

Project Design Phase-I
Proposed Solution Template

Date	1 October 2022
Team ID	PNT2022TMID53270
Project Name	Project - A New Hint To Transportation Analysis Of The NYC Bike Share System
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	<p>The goal of this analysis is to create an operating report of Citi Bike for the year 2018.</p> <p>1.Total Number of Trips</p> <p>2.What is Customer and subscriber with gender</p> <p>3.Find the top bike used with respect to trip duration?</p> <p>4.Calculating the number of bikes used by respective age groups.</p> <p>5.Top 10 Start Station Names with respect to Customer age group</p>
2.	Idea / Solution description	We can solve the given problem statement by analysing the data and developing a dashboard that users can access to learn more about the use of citi bikes in the city using the IBM Cognos platform
3.	Novelty / Uniqueness	Exploration of data visualisation through bike utilisation prediction.
4.	Social Impact / Customer Satisfaction	<p>1. Minimize the traffic usage and make environment more friendly.</p> <p>2. Guaranteeing bike availability through ongoing demand-based monitoring.</p>
5.	Business Model (Revenue Model)	<p>1. Health awareness campaigns.</p> <p>2. Generated revenue by offering rental packages and monthly or yearly memberships</p>
6.	Scalability of the Solution	<p>1. Map features</p> <p>2. Traffic analysis</p>