

Project Design Phase-I
Proposed Solution Template

Date	12 October 2022
Team ID	PNT2022TMID37686
Project Name	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. To create data visualizations to understand</p> <ol style="list-style-type: none">1. Total Number of Trips2. What is Customer and subscriber with gender3. Find the top bike used with respect to trip duration?4. Calculating the number of bikes used by respective age groups.5. Top 10 Start Station Names with respect to Customer age group.
2.	Idea / Solution description	<p>This project is focused of analyzing some visuals and creating dashboard that will be accessible to users to get the insight of the usage of city bikes using IBM Cognos platform.</p>
3.	Novelty / Uniqueness	<ol style="list-style-type: none">1. Predict the best station.2. Check the reliability of the bike,privacy protected.3. user experience unique and efficient.
4.	Social Impact / Customer Satisfaction	<p>By regularly monitoring the top 10 areas we can supply more bikes to the areas and satisfy the demand.</p>
5.	Business Model (Revenue Model)	<p>Revenue is generated on renting the bike with the analyzed data we can alter the pricing according to the demand of the customer.</p>
6.	Scalability of the Solution	<p>More additional features can be added like the condition of the bike whether it can be relied or not ,map feature,traffic analysis.</p>