Project Objectives
A New Hint to Transportation-Analysis of the NYC Bike Share System

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Project Name	A New Hint to Transportation-Analysis of the NYC Bike Share System
Maximum Marks	8 Marks

PROJECT OBJECTIVES

- The project mainly focuses on the analyses New York City's Citi-Bike share system to understand the spatial design considerations as well as usage patterns that emerge from this analysis.

- The Citi-bike trip data set was a massive in size containing over a million observations per month. So, in order to better understand data set for generating useful visualizations for developing more relevant insight about the system, a set of descriptive statistics were generated.

- It's important to provide better data visualizations and reduce the complexity of the dataset so for that we use IBM Cognos Analytics and explain the requirements using this projects.

GOAL OF THE PROJECT

- The final goal is to use this analysis as the basis for developing CO2e emission numbers normalized by passenger kilometer travelled (PKT) for a bike share program so that it may be compared to other modes of transportation.

Technical Architecture:

- Project Flow Users create multiple analytical graphs/charts/Visualizations.

- Using the Analytical Visualizations, build the required Dashboard(s).

- Saving and visualizing the final dashboard in the IBM Cognos Analytics.