Analysis of Chicago Divvy Bicycle Dataset

Problem Statement:

Analysis of this Divvy bicycle data may helps to understand:

- Number of miles traveled each day,Most popular stations,Longest biking hours
- Effect of weather conditions on biking
- Prediction of Trip Duration

Benefits of Analysis to Client(Divvy Bicycle Management Company):

Such Analysis may help bikeshare Management company in solving business problem:

- To build strategic advertising plan to attract more riders based on past such as number of people used the service,Agewise and Gender wise pattern.
- To help planning strategic email campaign to persuade consumers to register for yearly subscription by giving discount, which would help to promote business profit.
- To get an understanding of supply and demand perspective of business

Data:

Dataset contains the joint data from Divvy website and weather information data in single file.

https://www.kaggle.com/yingwurenjian/chicago-divvy-bicycle-sharing-data/home

Approach of reaching to solution:

1.Download ,Checking and cleaning data

2.Exploratory Analysis and Data visualization techniques wherever necessary

3.Build suitable Prediction model

Deliverables:

Final Report,Jupyter Notebook,Powerpoint presentation,Blogging