# DATA ANALYTICS

# LITERATURE SURVEY

## Team Members:

Ramnath K — 111919205033

Vignesh J — 111919205049

Jeyanth J — 111919205014

Vasantha Kumar S — 111919205046

# WHAT IS NYC BIKE ?

NYC bikes promotes and encourages bicycling and bicycle safety through education, community outreach, and events.



Just pick up a bike at any station and return it to any station. No need to worry about storage, maintenance, theft; it's a carefree way to ride.

# A New Hint To Transportation Analysis of The NYCBikeShareSystem



☐ Seeking to reduce carbon emissions and increase active travel, U.S. cities have increasingly adopted bike sharing systems In recent years.

☐ Bike sharing system have become increasingly popular in many cities. These services allow users to rent bikes for

Utilitarian and recreational trips in the urban area.

☐ Bike sharing has been considered a suitable mode to support the first and last mile connectivity problems of fixed route transit services.

## Social Impact

- Reduce the traffic and environment friendly.

## Business model or Impact

- Government can promote environment friendly bicycles.

- Fitnesscompaniescanruncampaigns to target the rightcustomers.

**Existing Solutions**

- www.yulu.bike

**Recommended Technology Stack**

- Cognos Analytics, Tableau, Data Analytics with Python, Power-BI, etc.

**References :**

https://en.wikipedia.org/wiki/Citi_Bike