

DataAnalytics

Literature Survey

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A New Hint To Transportation Analysis of The NYC Bike Share System



- 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.
- Fitness companies can run campaigns to target the right customers.

Existing Solutions

- <https://www.yulu.bike/>

Recommended Technology Stack

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

References

- [https://www.researchgate.net/publication/260227758 Bicycle Sharing Systems Demand.](https://www.researchgate.net/publication/260227758_Bicycle_Sharing_Systems_Demand)