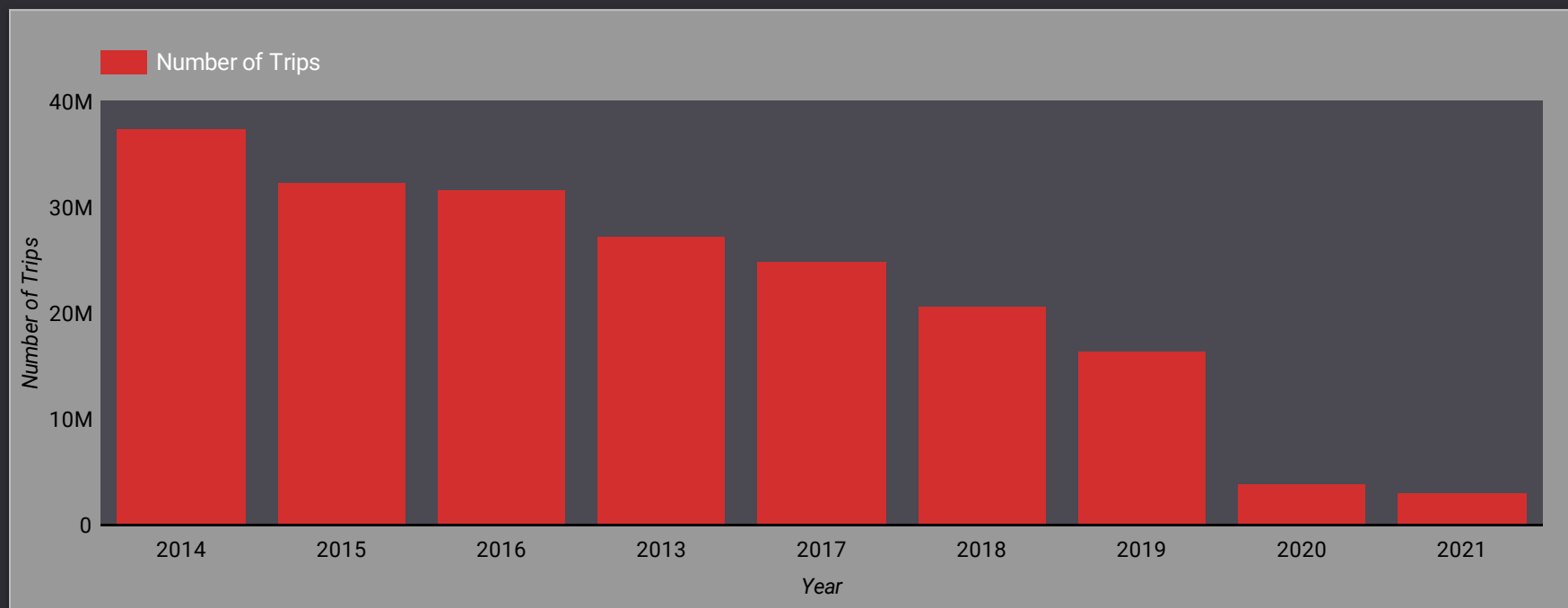


Data Visualization

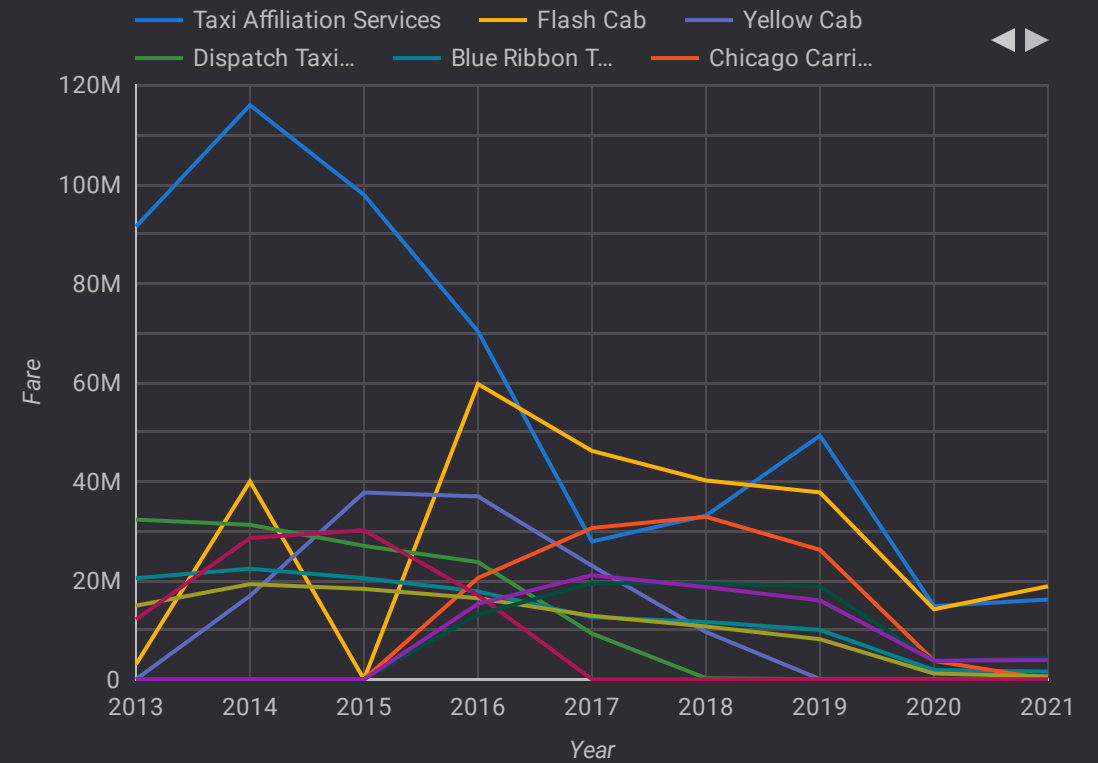
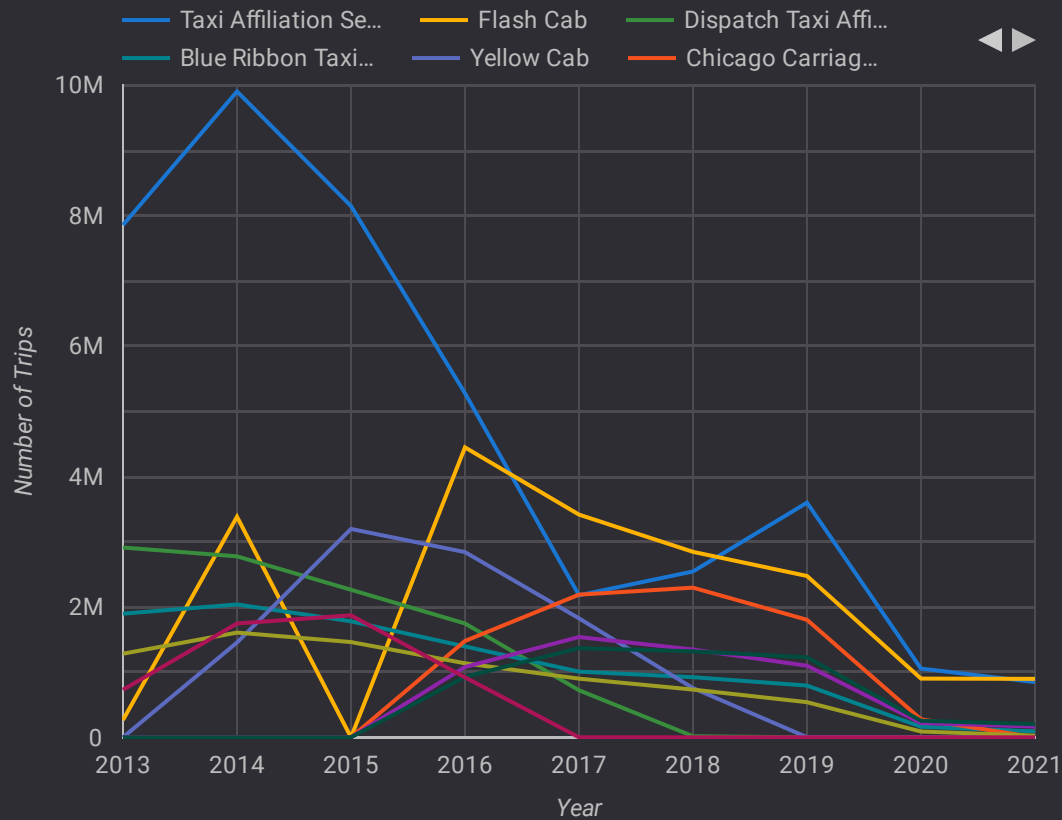
Chicago Taxi Data

Prepared By
Rezuanur Rahman Dip

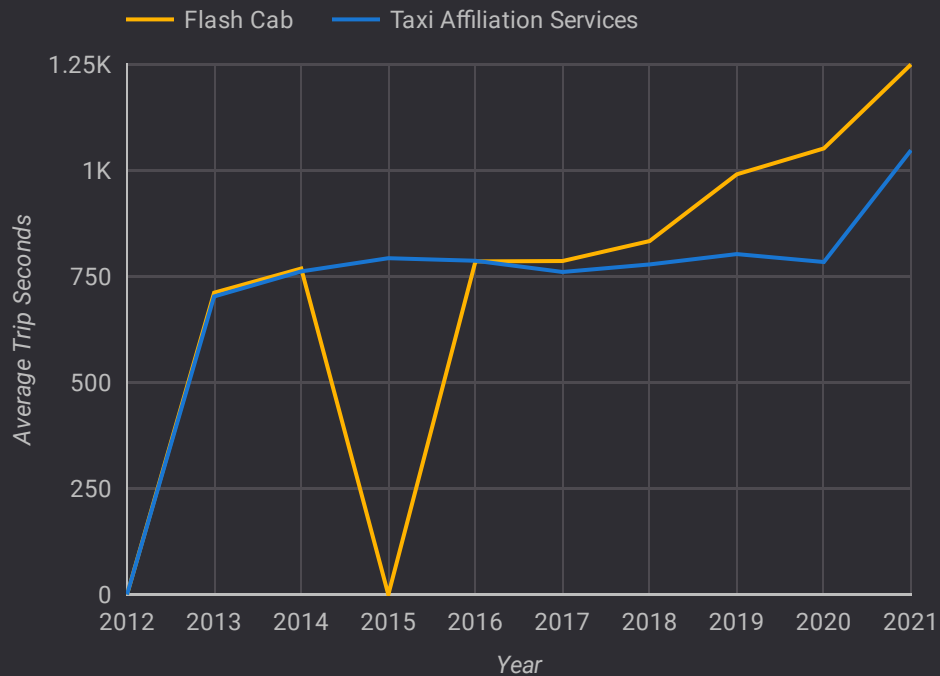
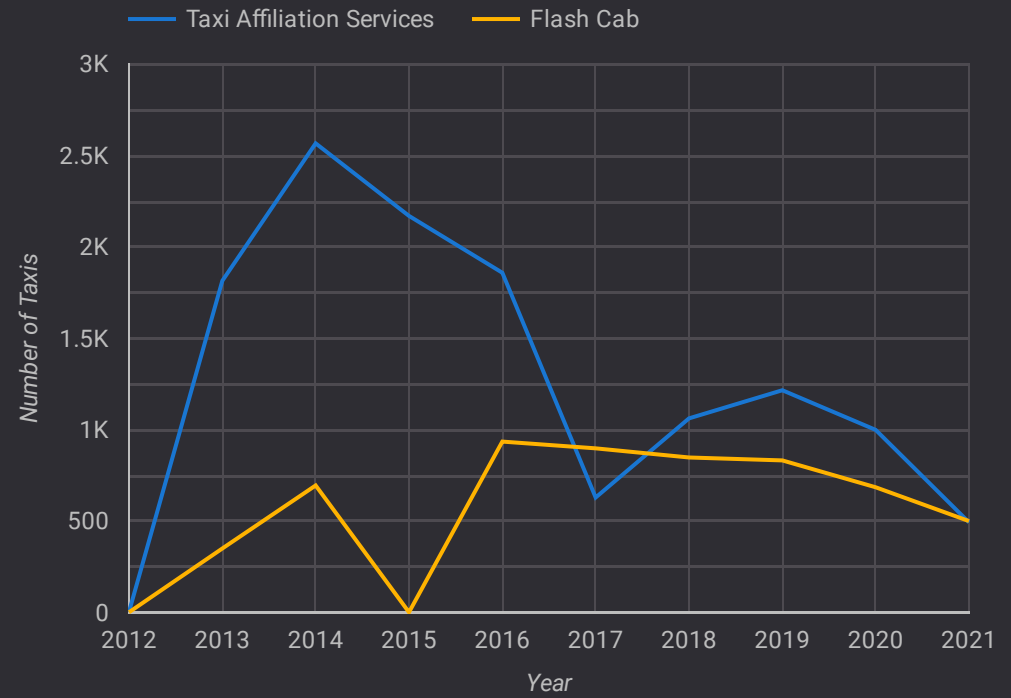
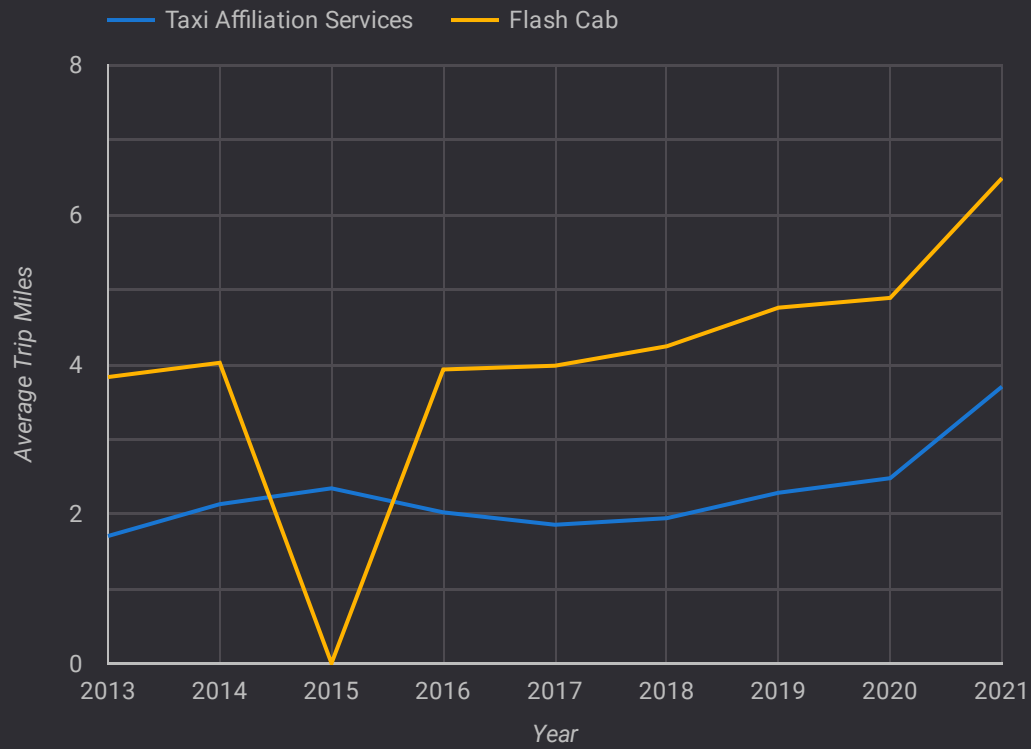


Decline
94.3%

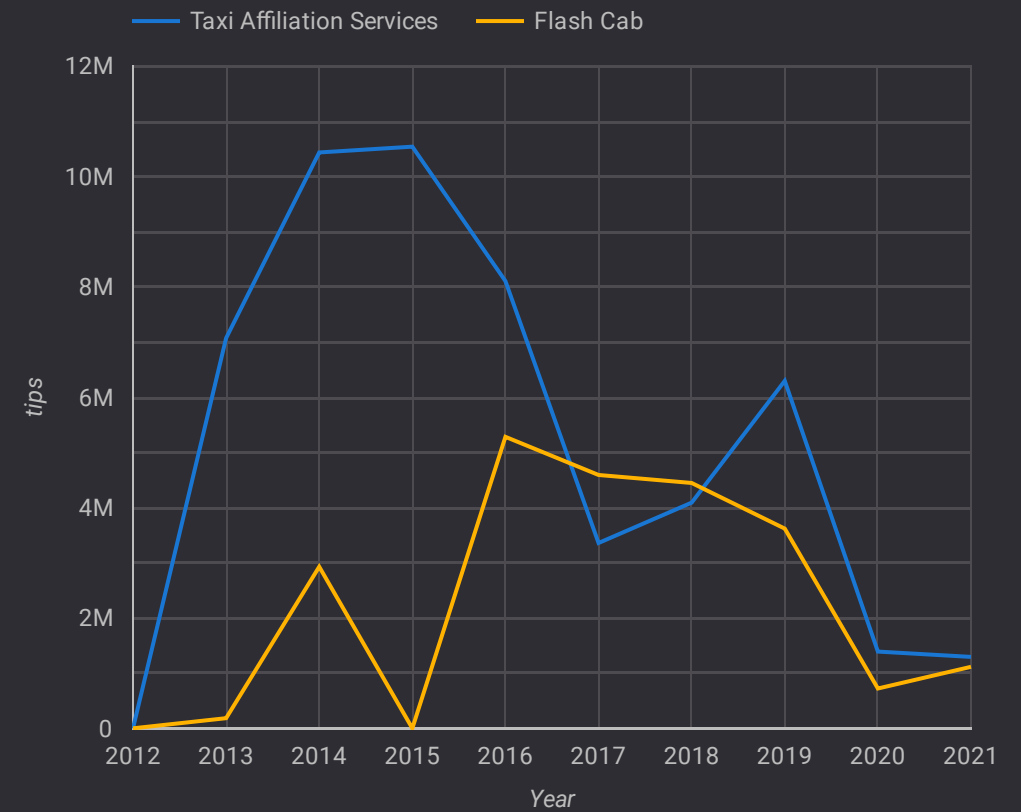
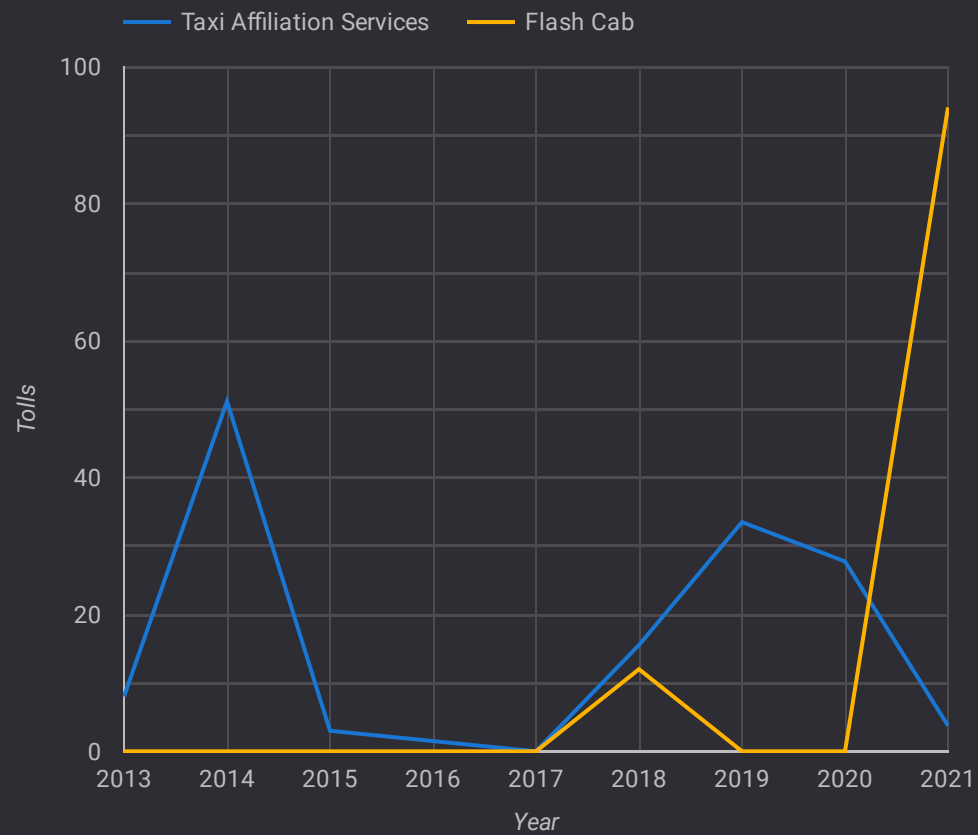
The number of taxi trips is declining every year. Data from taxi companies in Chicago shows a **94.3%** decline in the number of taxi trips from 2014 to 2021.



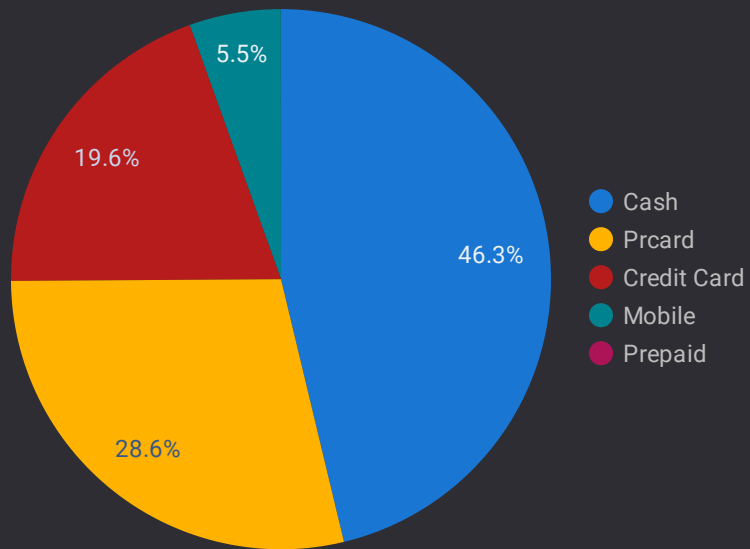
Most of the companies showed a similar pattern between the number of trips and the fares they have collected. But From 2020 to 2021 **Flash Cab** had the same amount of trips as **Taxi Affiliation Services** but they collected more fares than **Taxi Affiliation Services**.



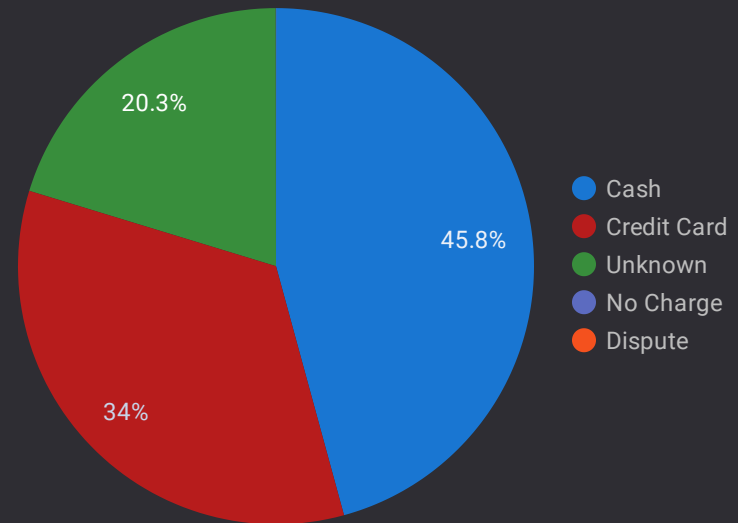
Both of the companies have the same amount of taxies in 2021 but **Flash Cab** has longer trips in terms of distance and time which is the reason for their higher fare.



The amount of tolls is significantly increasing for Flash Cab but tips are the same for both companies



Flash Cab



Taxi Affiliation Services

Flash Cab has more diverse pay options than Taxi Affiliation Services

Findings:

- * Number of Taxi trips are declining which can be an effect of the emergence of ride-sharing services.
- * Leading 2 companies Taxi Affiliation Services and Flash Cab almost same amount of trips but Flash Cab has larger fares and longer trips.

Scopes and Limitations:

- * Trend in the number of trips across the year can be investigated.
- * Location based analysis can be done with geographical data.
- * Analysis couldn't be continued as free query limit has been exceeded