



NYC YELLOW TAXI

23.47M

Number of Trips taken

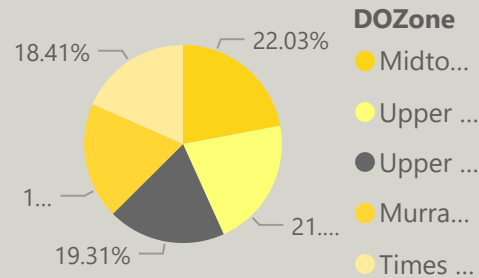
12.04

Average fare amount

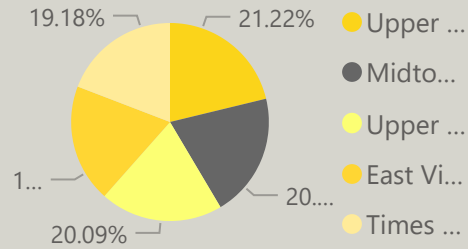
2.82

Average distance

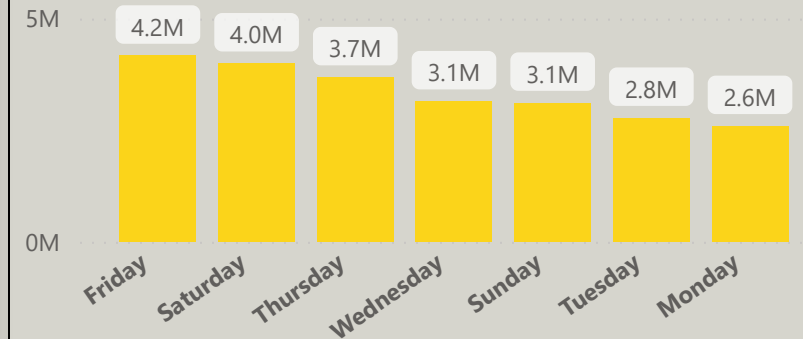
Top 5 Dropoff Zones



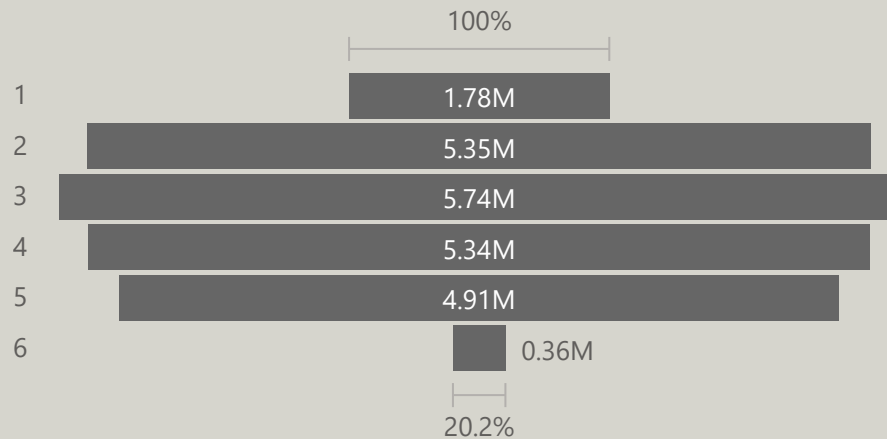
Top 5 Pickup Zones



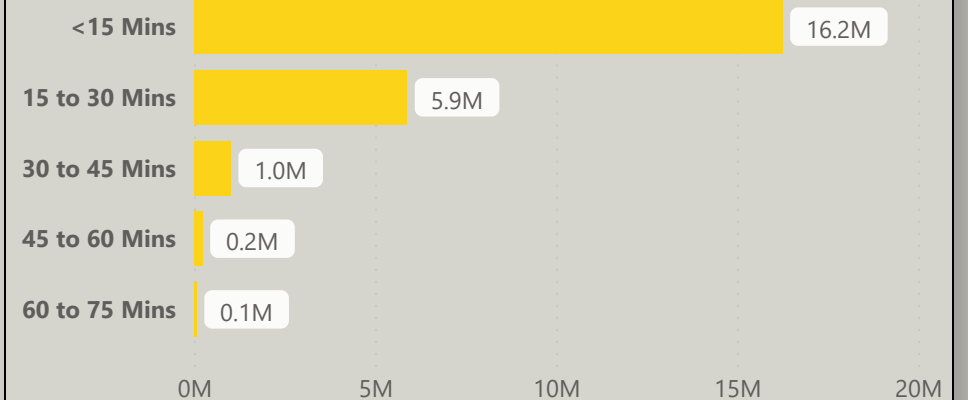
Number of trips each day



Number of trips each week in a month



Duration of trips taken



Overview

Drivers

Passengers

Comparison

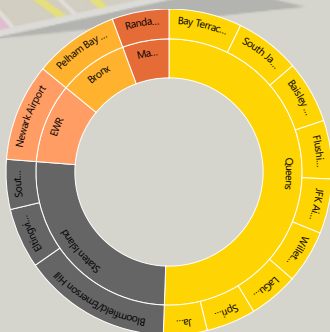
Airports

Drop

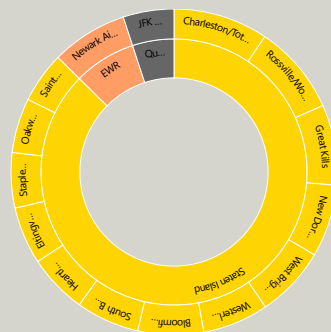
Week of Year

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 5
- ☐ 6

Pickup zones with high average of tips



Drop-off zones with high average of tips



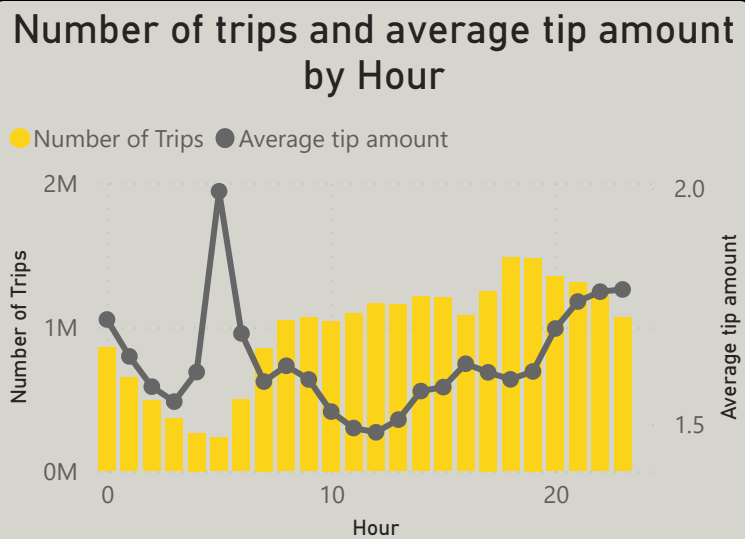
Pickup Zones

All

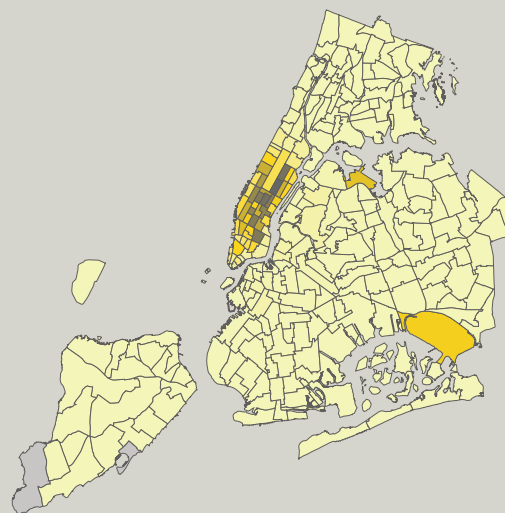
Drop-off Zones

All

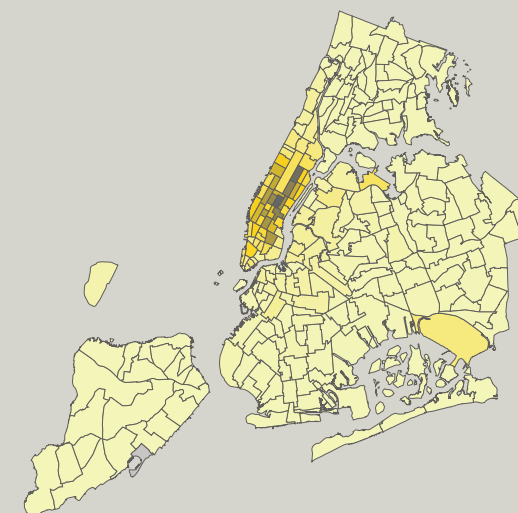
Day

All

Most popular pickup zones



Most popular drop-off zones



12.04

Average fare amount

23.47M

Number of Trips

1.62

Average tip amount

Overview

Drivers

Passengers

Comparison

Airports

Drop



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0.26

Average tolls amount

1.62

Average tip amount

2.82

Average distance

12.04

Average fare amount

Pickup Zones

All

Drop-off Zones

All

Day

All

Week of Year

☐ 1

☐ 2

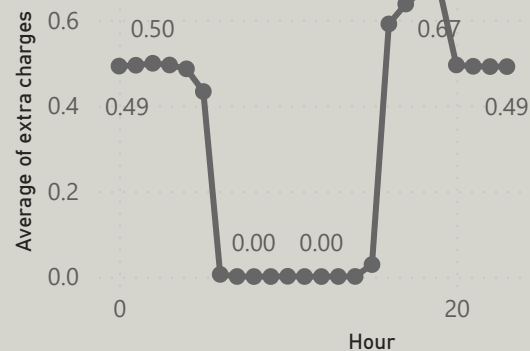
☐ 3

☐ 4

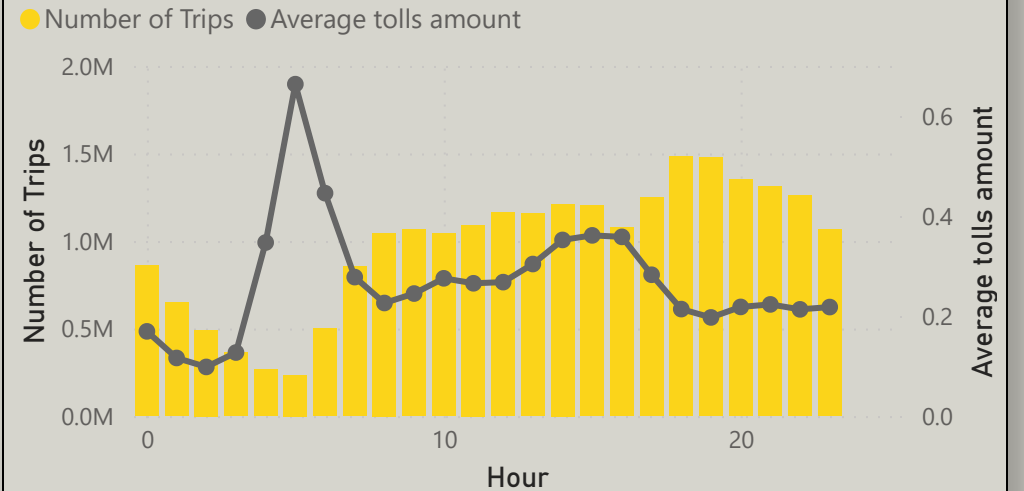
☐ 5

☐ 6

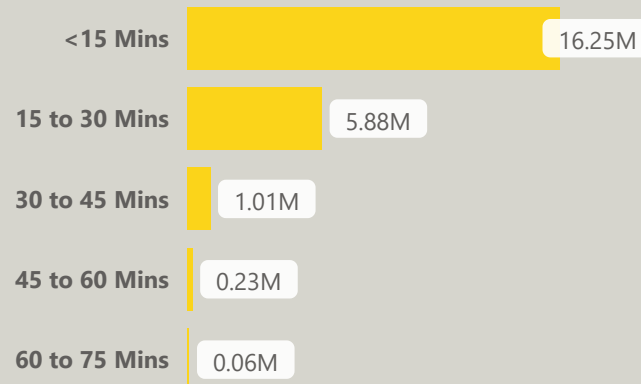
Average of extra charges by Hour



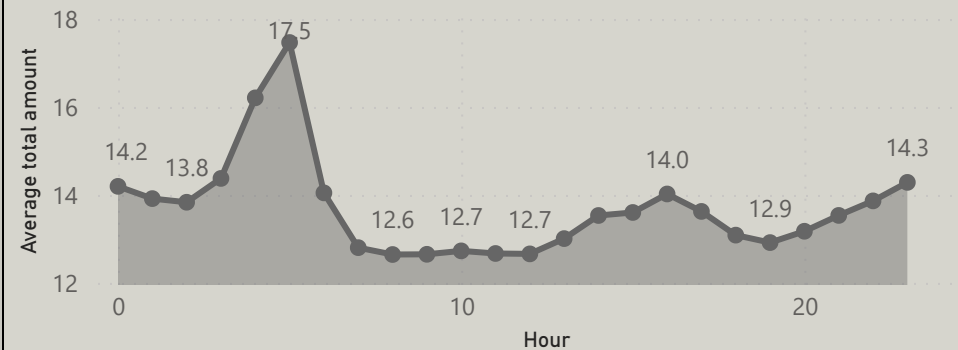
Number of Trips and Average tolls amount by Hour



Duration of Trips taken



Average total amount without tips by Hour



Overview

Drivers

Passengers

Comparison

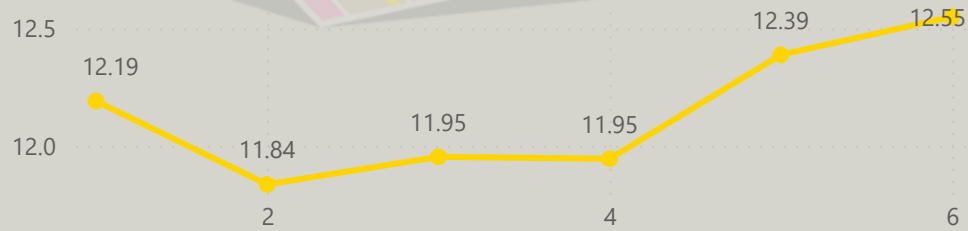
Airports

Drop



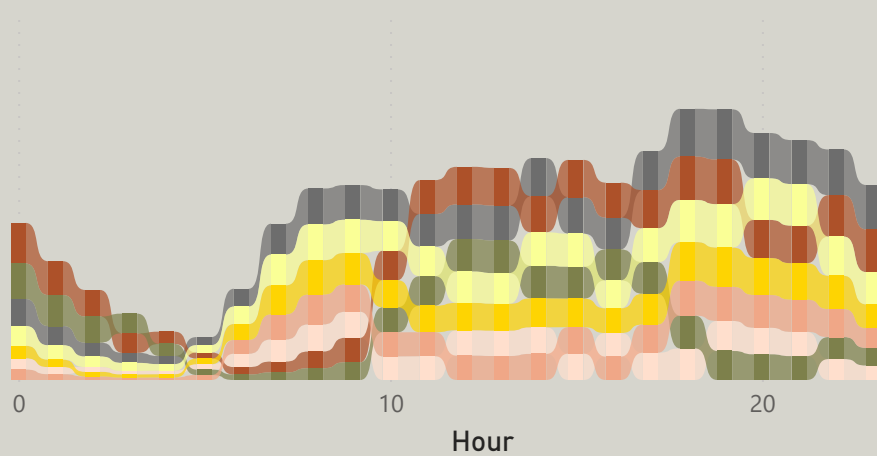
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Average fare amount by week of the year



Trips taken each hour, changes over days of the week shown

Day Name ● Friday ● Monday ● Saturday ● Sunday ● Thursday



Top Pickup Zones

Pickup Zone	Number of Trips
Upper East Side South	876257
Midtown Center	836009
Upper East Side North	829579
East Village	795712
Times Sq/Theatre District	791838
Union Sq	785774
Midtown East	771121
Murray Hill	754750
Total	7921915

2015

2016

23.47M

Number of Trips

2.82

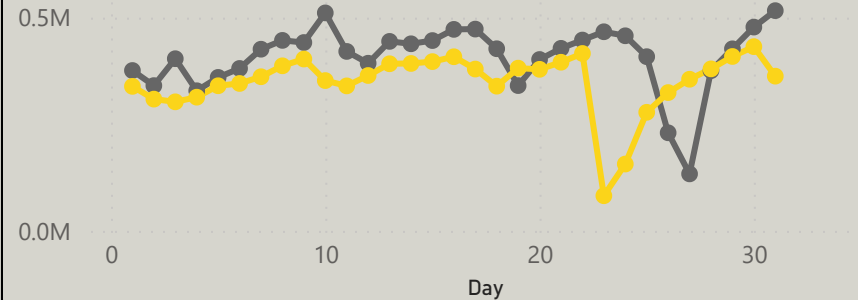
Average distance

12.04

Average fare amount

Trend of trips taken in a month for each year

Year ● 2015 ● 2016



Overview

Drivers

Passengers

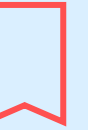
Comparison

Airports

Drop



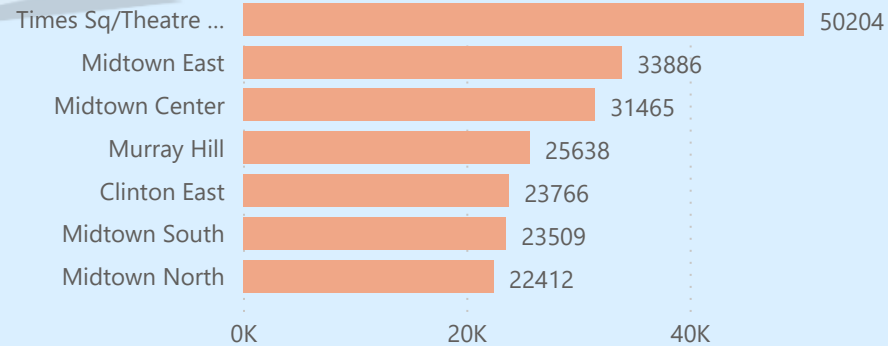
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Day Name

- ☐ Friday
- ☐ Monday
- ☐ Saturday
- ☐ Sunday
- ☐ Thursday
- ☐ Tuesday
- ☐ Wednesday

Most popular drop-off zones from the Airports



12.52

Average distance

37.52

Average fare amount

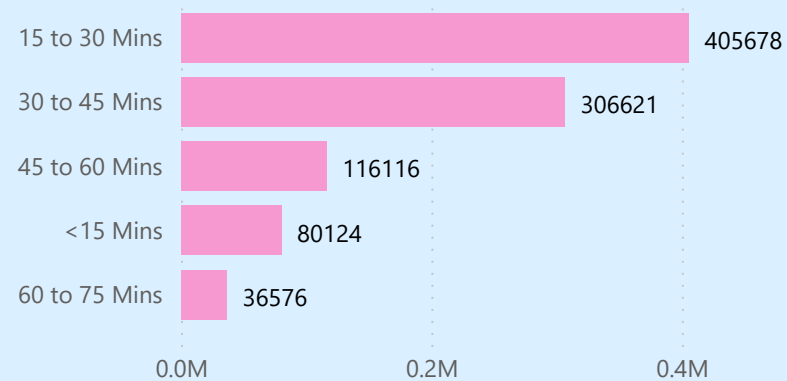
Pickup Airport

- ☐ JFK Airport
- ☐ LaGuardia Airport
- ☐ Newark Airport

962.54K

Number of Trips

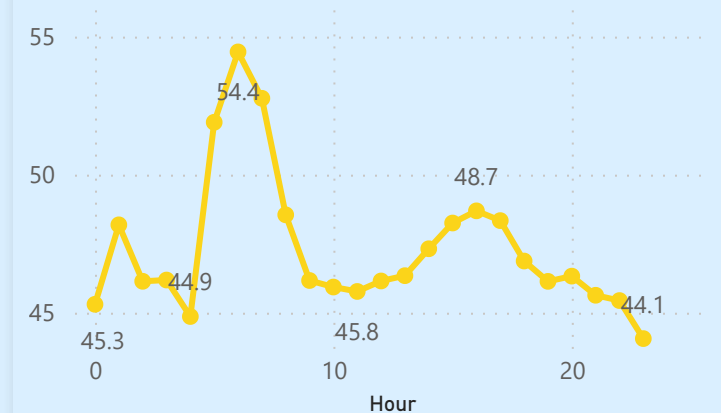
Duration of the trips taken



Average trips taken on each date



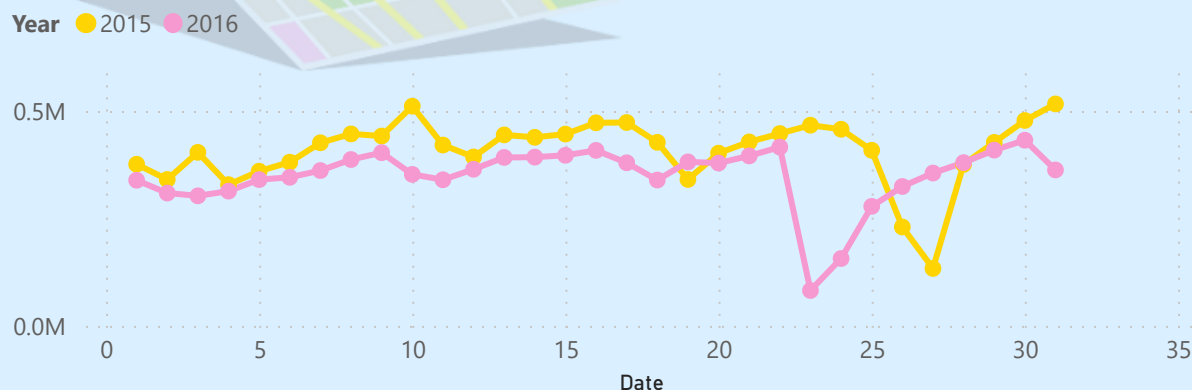
Average of total amount by Hour



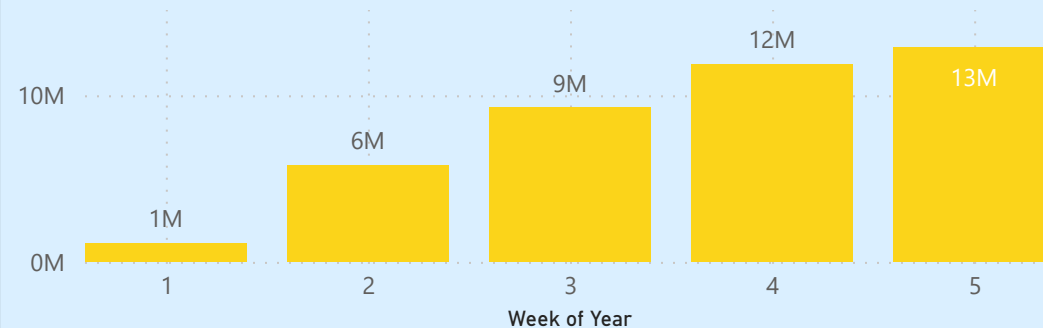


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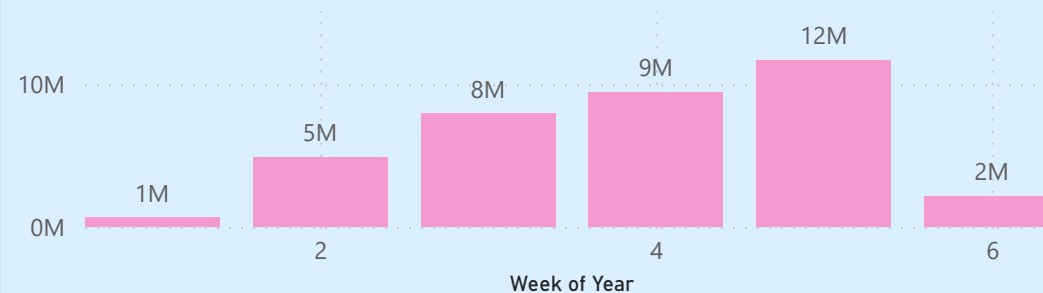
Trend of trips taken in a month for each year



Number of trips taken by week



Number of trips taken by week



Less total trips in 2016?

Drop in 4th week of January in 2016

Nothing in the data that points towards a reason.

Reason: Strong snowstorm, travelling bans

NOTE: Since the available data was only for 2015/2016 January our analysis is limited. But with data for whole year across multiple years we can track changes from one week/month/year to another and as a dispatcher be aware of how many taxis you'll need and in which locations and do projections for their profits.