NYC Self-Driving Taxis Distribution Plan

By: Rawabi Alharbi

1 Backstory

The New York City Taxi and Limousine Commission

Distribution Plan

Backstory

- ◉ TLC have 5000 self-driving taxis
- ◉ Distributing the taxis at the subway stations is the first step
- ◉ Trial for three months
- ◉ The only allowed trips is going to the nearest park

3 Dataset

Metropolitan Transportation Authority

Dataset

MTA

A series of data files containing numbers of cumulative entries and exits by stations, turnstile, along with their dates and time.

Sample

Last three months of 2019 (October – December)

- 2474417 rows
- 11 columns

3 Data Cleaning

Data Cleaning

Check nulls

Fix columns

Add new columns

Check Duplicates

Data Cleaning

No null values

Fix columns

Add new columns

Check Duplicates

Data Cleaning

No null values

Strip column names

Date Time
Total EXITS
Park
Month
Day

Check Duplicates

Data Cleaning
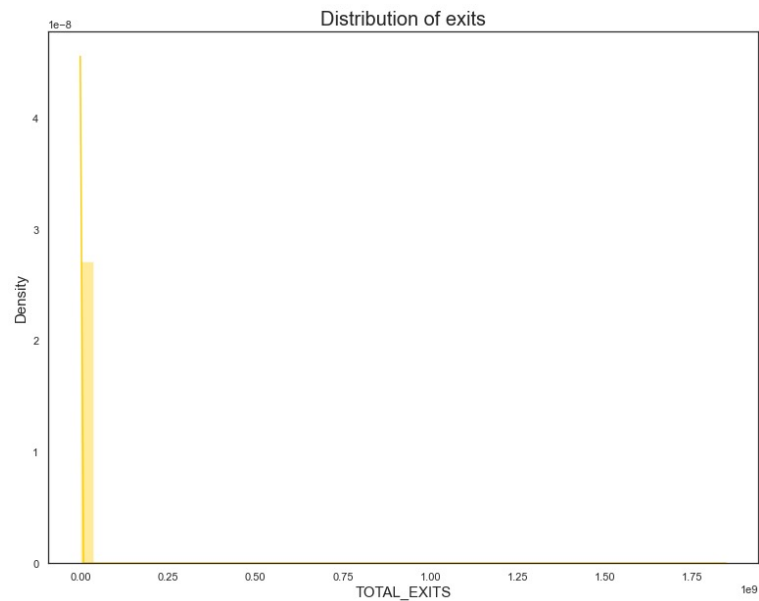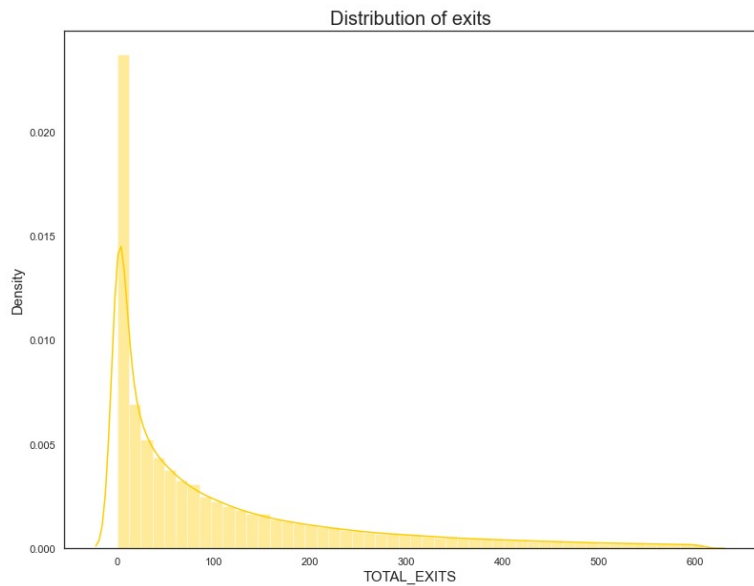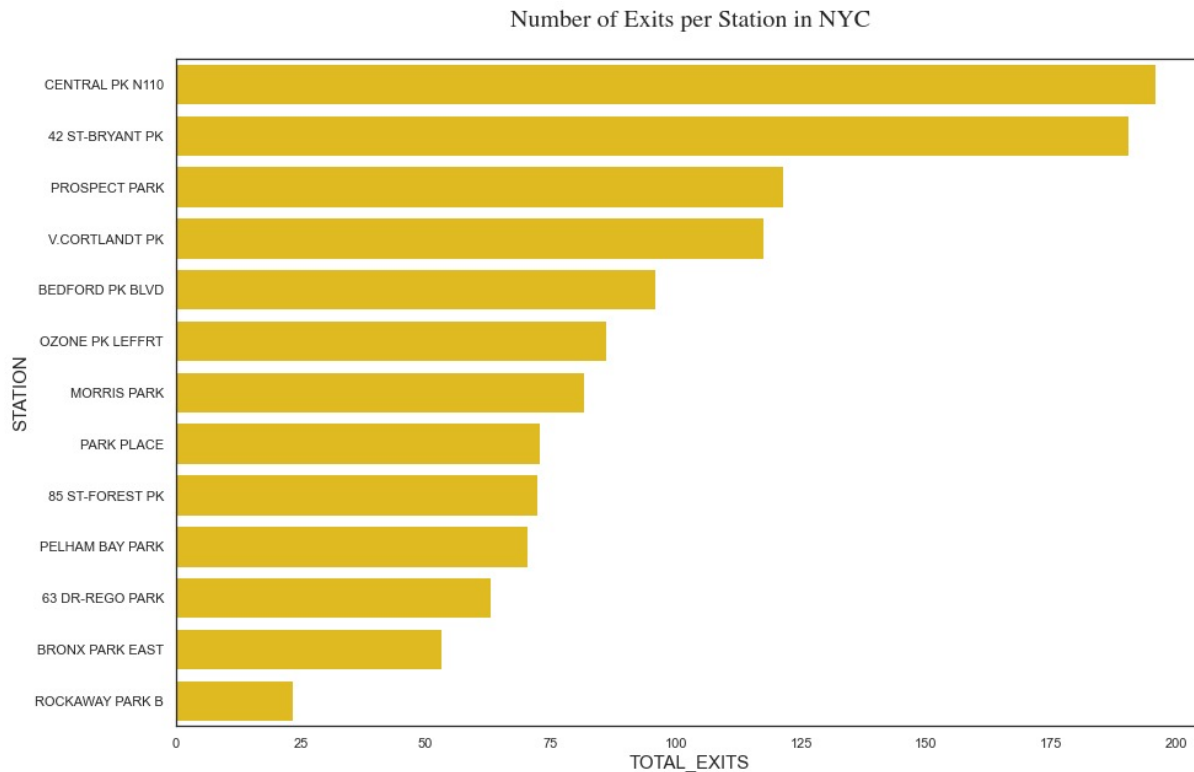
No null values

Strip column names

**Date Time
Total EXITS
Park
Month
Day**

Found duplicate rows

Data Cleaning

Outliers

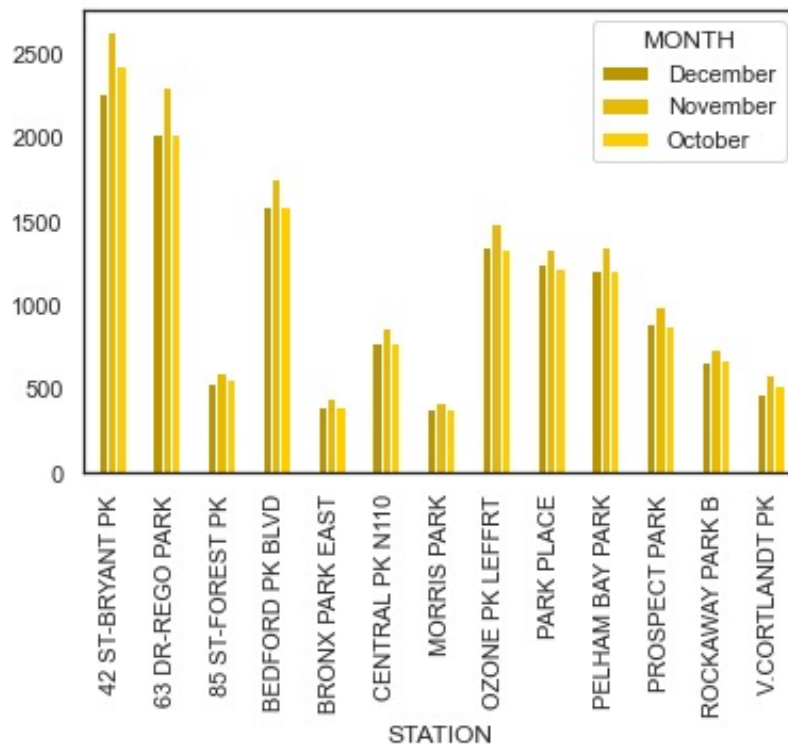# Findings

3

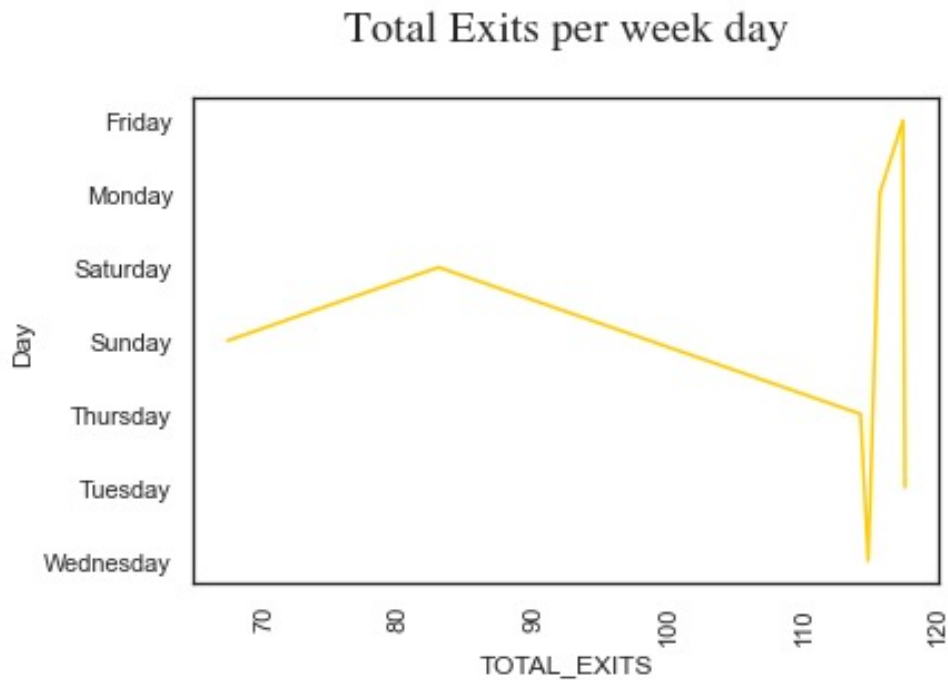Let's start with the first set of slides

You can also split your content

Number of Exits per Station in NYC

You can also split your content

📌 You can also split your content

Total Exits per week day
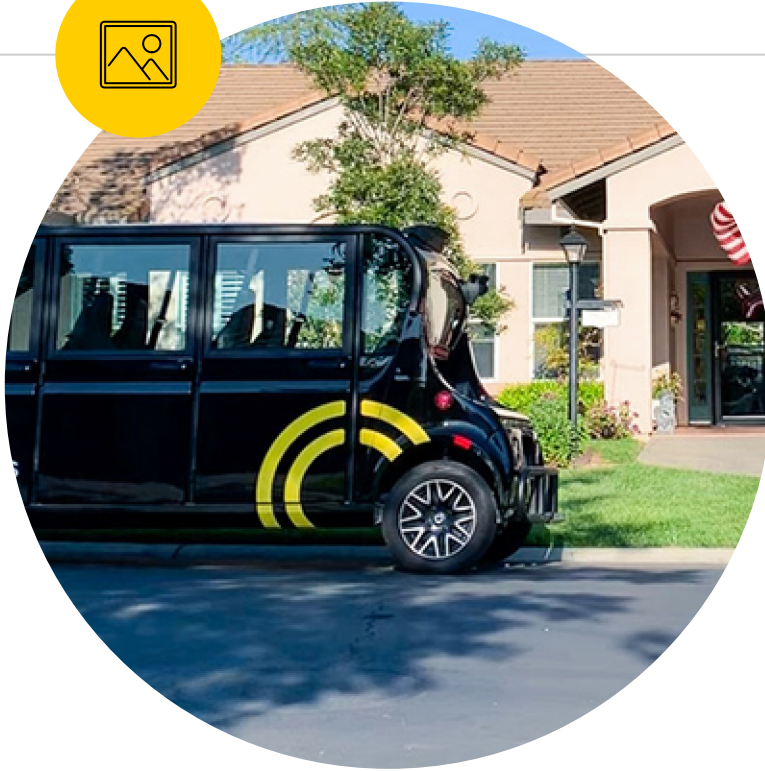
3 Conclusion

What will be the distribution plan?

- Monday, Tuesday, Friday
- November
- Stations:
  - CENTRAL PK N110
  - 42 ST–BRYANT PK
  - PROSPECT PARK
  - V.CORTLANDT PK
  - BEDFORD PK BLVD

Thanks!