



SDAIA ACADEMY



# Exploratory Data Analysis (EDA) For Out Front On The MTA Turnstiles

RAWABI ALMUTAIRE

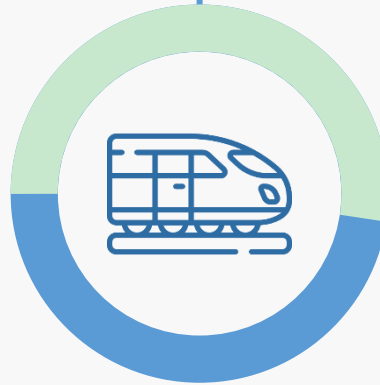
# OUTFRONT OVERVIEW



NYC health is one of the well-known centers in New York City to offer PCR tests for COVID-19, for the past months the center used to make the tests in their head office, in order to reach more clients and to control the spread of COVID-19 the center decided to establish ten mini examination centers in MTA stations, Thus NYC health is now in a mission to find the most crowded stations in New Your city based on analyzing the MTA stations dataset which will give a better understanding of the movements inside the stations and the persona.

## ► GOALS:

- Establish PCR testing centers in the top 10 crowded stations.
- Help the healthcare providers to make informed decisions.
- to increase revenue.





# METHODOLOGY



# The Chosen Dataset:

In 2021 OF MONTHS :-

- June
- July
- August



ROW<sub>2724418</sub>

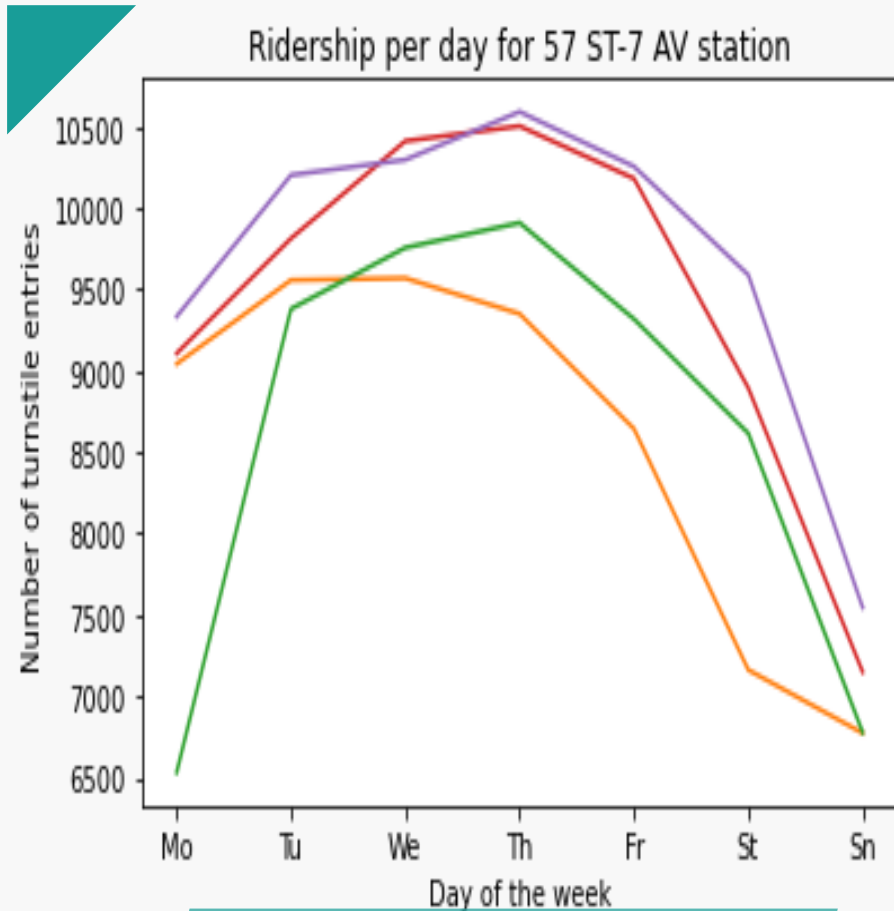
COLOMS<sub>12</sub>

## Analysis And Results:

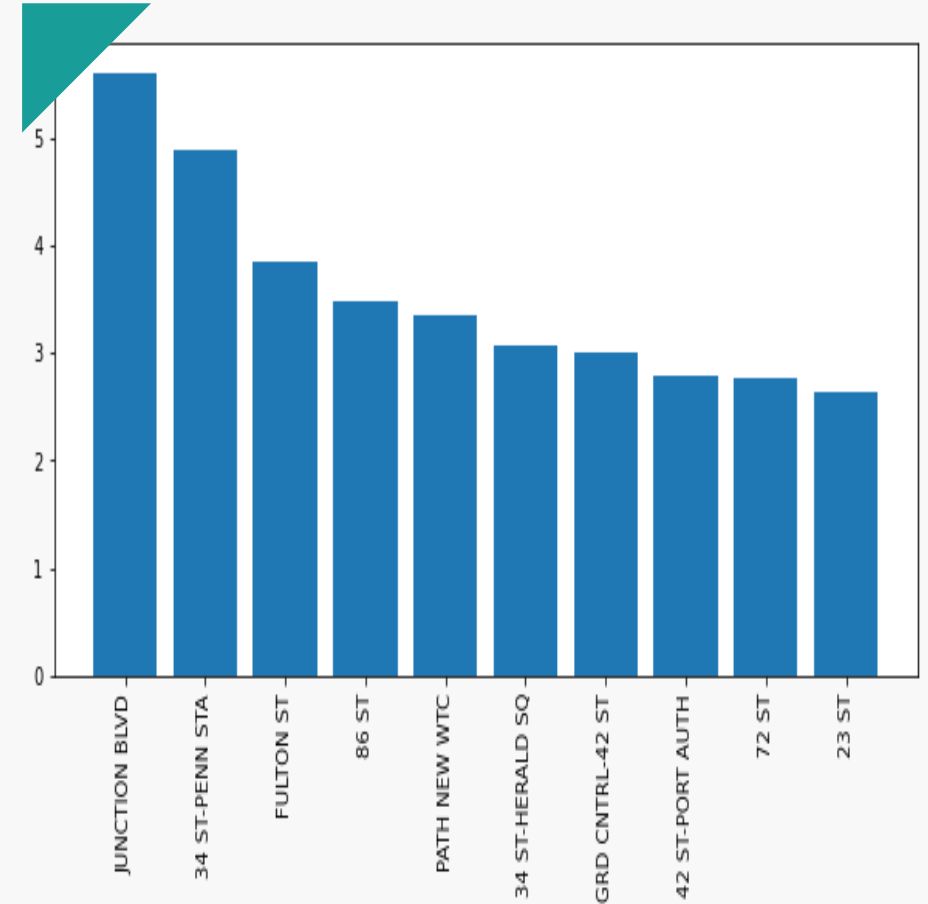
1. Active Days in single turnstile
2. Top Crowded Station for each days



# Analysis And Results :



Active Days



Top Crowded Stations  
In MTA





## Recommendations:

- Weekends rather weekdays
  - Top 10 stations
- 







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THANK YOU

RAWABI ALMUTAIRE