

Overview:

We will use data science and take advantage of the available dataset to determine the right time to do cleaning in the stations.

The main reason is knowing the right time to do cleaning.

The idea is to find people density of during weekdays and weekend the in the stations. And try to look for the best time during day to do cleaning (peak time or break time).

This help us to clean all station without people crowded.

Question:

What is the best time to do cleaning during the weekdays?

What is the best time to do cleaning during the weekends?

Data description:

We will use the MTA Dataset and pull the data files that we want to analyze based on observations entries of each station we will anticipate the right time to do cleaning. The data set that will use from Jun 2021 - Sep 2021.

Tools:

- Python
- Pandas
- SQLAlchemy
- SQL