NYC™ Health

Project Proposal

Proposal by: Afrah Almoutiri

Overviews:

New York Ministry of Health is planning on providing vaccine center COVID-19 in Mass Rapid Transit (MRT) to limit the spread of the virus. Accordingly, the Ministry of Health requested the provision of MTA study to choose right place.

Question/need:

Ministry of Health approached me to help with a specific need regarding the project with MTA. They need to determine which station/line should be prioritized to start implementation to build a vaccine center depending on some questions

What is the busiest station?

Will the MTA Analysis help in choosing the best place?

we will give recommendation based on this analysis on where to start implementation of this project.

Data Description:

Will use available dataset about turnstile for 3 months worth of data from April to February, 2021. The features that I expect to work with is the number entries for each station, number of exists for each station to know busiest station.

Tools:

Technologies: Python language, Jupyter Notebook and SQLAlchemy

Libraries: Pandas, Matplotlib and Numpy.