

MTA Turnstile Data: Exploratory Data Analysis

A case study using the results of the analysis to know the times of overcrowding in order to give the largest number of people a vaccine for the Covid 19 virus.

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Analytical approach:

tries to reach the largest number of peoples which is a large number throughout the day. In particular, we will show peak time to give an awareness program on covid 19 and in exactly the most filled stations the ministry of health will vaccinate large number of peoples.

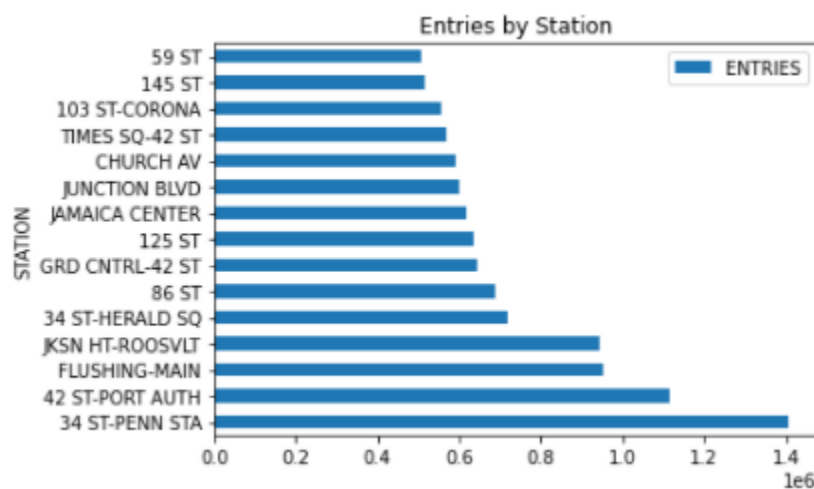
MTA Passenger Terminal Selection Standard

Publicly available MTA turnstile data for the three months of 2021 were analyzed to identify stations with the highest daily entry. The benchmark here is the high rate of entry during commuting hours throughout the day.

Data Analysis Approach

Data were grouped by station, date, and time. The data was audited throughout the day.

Result



The figure shows the busiest stations during the day