MTA Turnstile Data: Exploratory Data Analysis

Abstract

The beneficiary of the data analysis in this project is the Ministry of Health, which in turn tries to reach the largest number of recipients of the Covid 19 vaccine, including people at metro stations, which is a large number throughout the day. In particular, the beneficiaries of this project are the corona vaccine work team, including doctors and nurses, who are entrusted with the task of giving the vaccine to all people in the country.

Data

I start with the dataset from MTA website to analysis data 3 months from 1 july 2021 to 30 september 2021by using fields (Station, Date,Time,Entries) and they have more than 18,872,010 observation

Algorithms

Pandas

Matplotlib

Numpy

Seaborn

Tools

Python

Sqlite

Commnication

Number of People Entries st-penn for One Week