summary:

Exploratory Data Analysis Using Python, I will explore the NYC MTA spinner dataset. Track entrances and exits every four hours for turnstiles (UNIT) daily in the subway system. Also calculate the total daily entries and exits. Also plot the daily time series of the revolving door. And integrating turnstiles into the same zone/unit/station control group. I want to merge the numbers together - for each ControlArea / UNIT / STATION group, for each day. From every revolving door belongs to this combo. Over the course of 12 weeks, I collect and sort the total number of passengers for each station, so I can see which stations have the highest traffic during the time I'm investigating

Goal:

A study of tracking entrances and exits. And at the end of the objective of this analysis I sort the total number of passengers for each station, so that I can see which stations have the highest traffic during the time I'm investigating

tools:
To analyze the data, I will use different tools such as a browser SQLITE, Jupyter, and python language. Also I will use libraries in python for instance requests, urllib , DateTime , csv , numby , panda , matplotlib , SciPy , collections , Defaultdict , parser

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