



Women Tech Women Yes Summer Gala Engagement

Street Team Placement

Chuck Cao
Chris Chan
Humza Khan
Joshua Mailman

Agenda

- Objective
- What We Did
- Results
- Recommendations
- Future Work

Objective

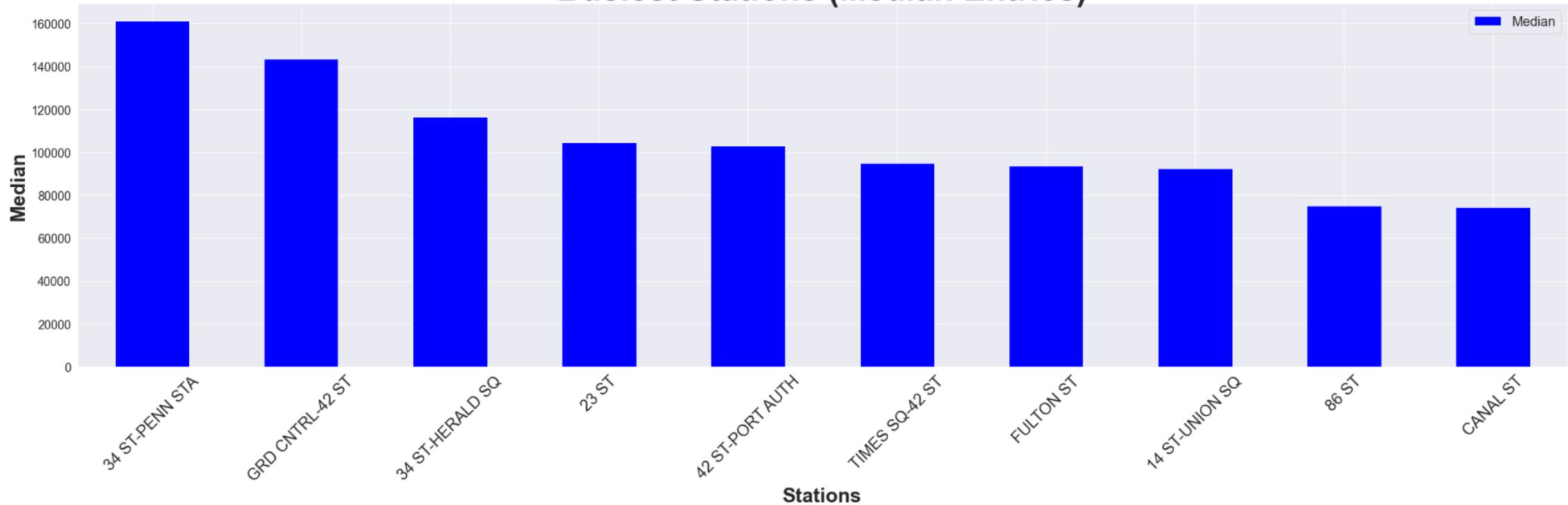
- Optimize street team placement to gather names and email addresses of those who will attend gala and contribute to cause.

What We Did

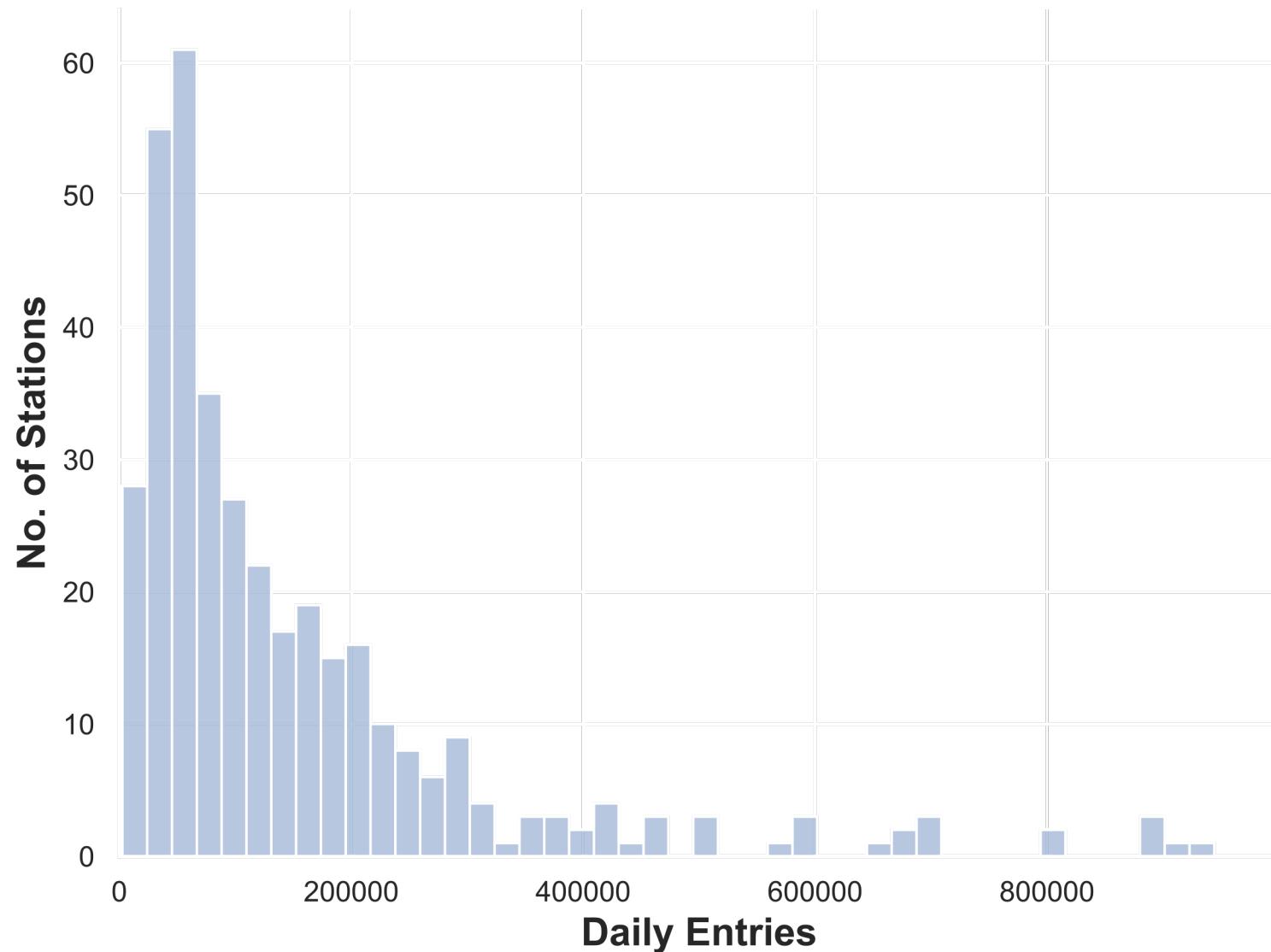


- Four weeks of July 2019 MTA turnstile data
- 472 Stations
- 20.7M NYC metro area residents
- Pandas, matplotlib, seaborn

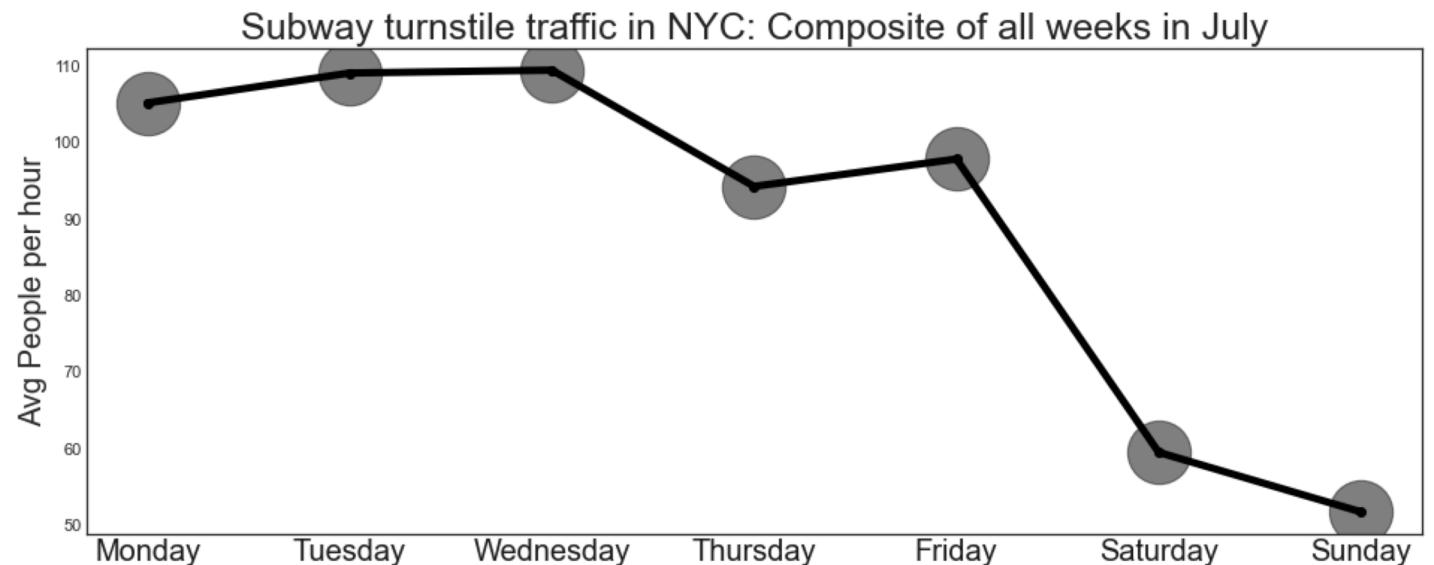
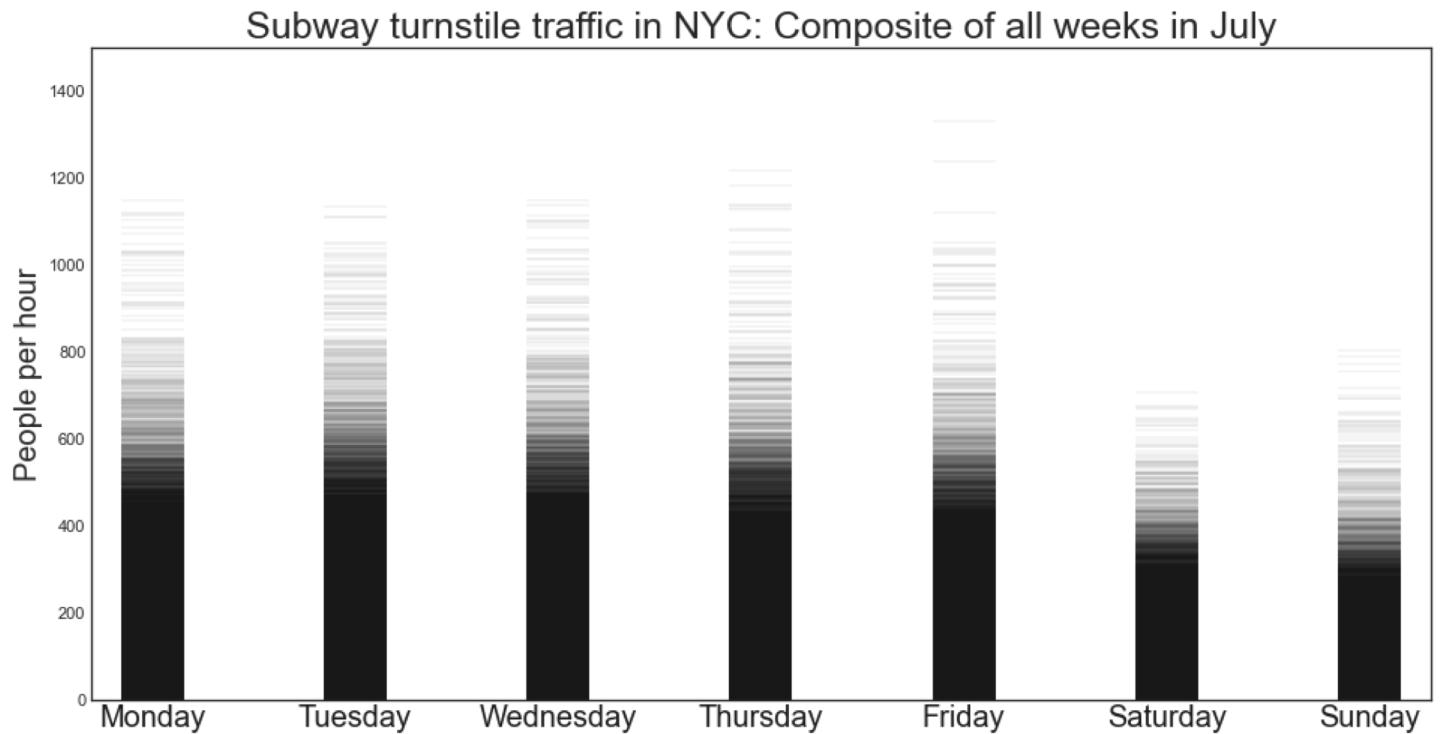
Busiest Stations (Median Entries)



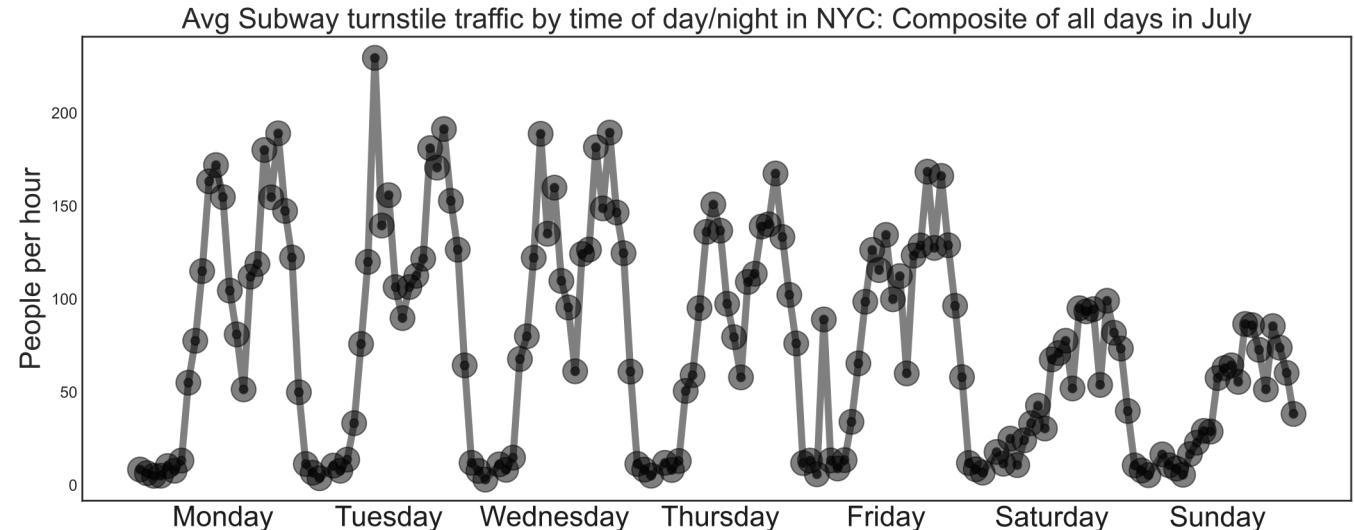
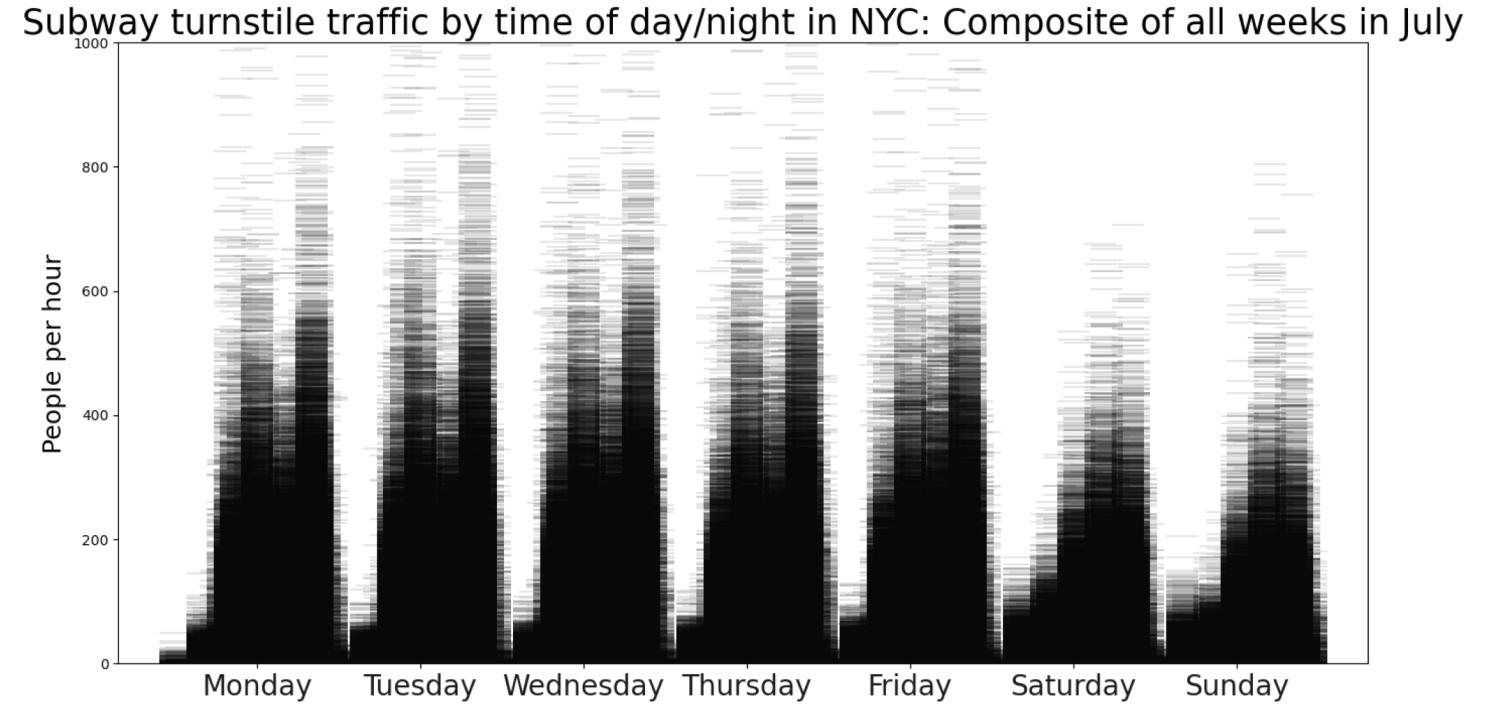
Distribution of Traffic Across Stations



Turnstile Fluctuation By Day



Turnstile Fluctuation By Time During The Week



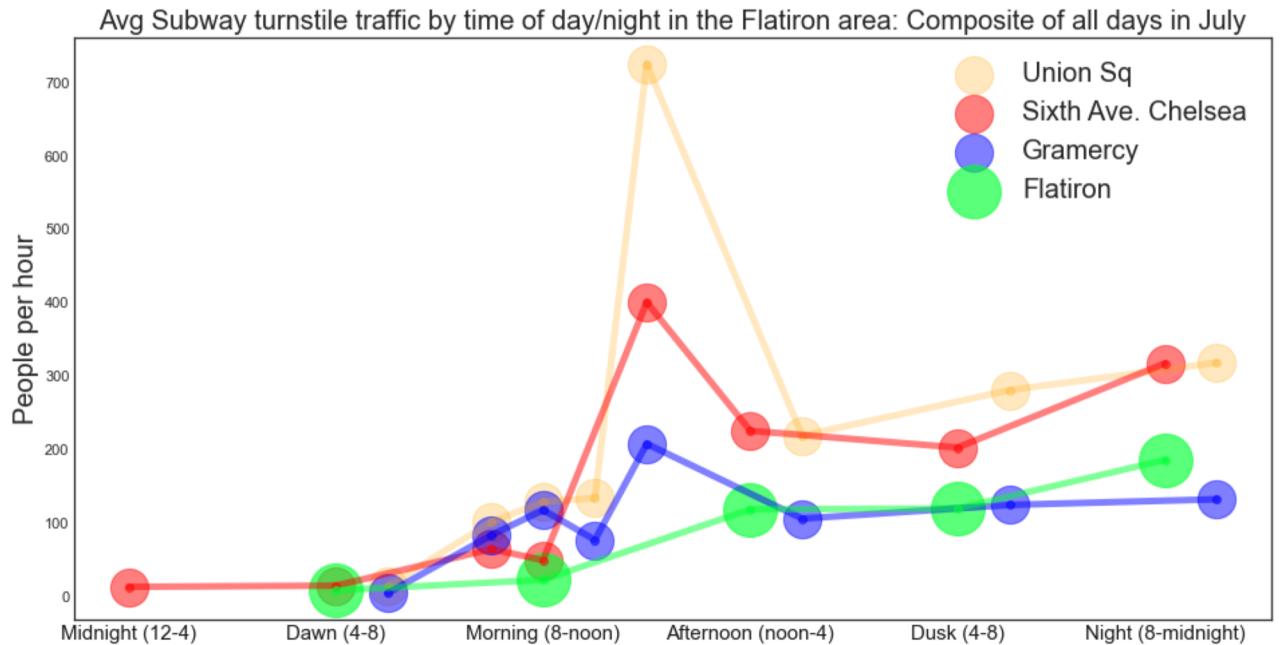
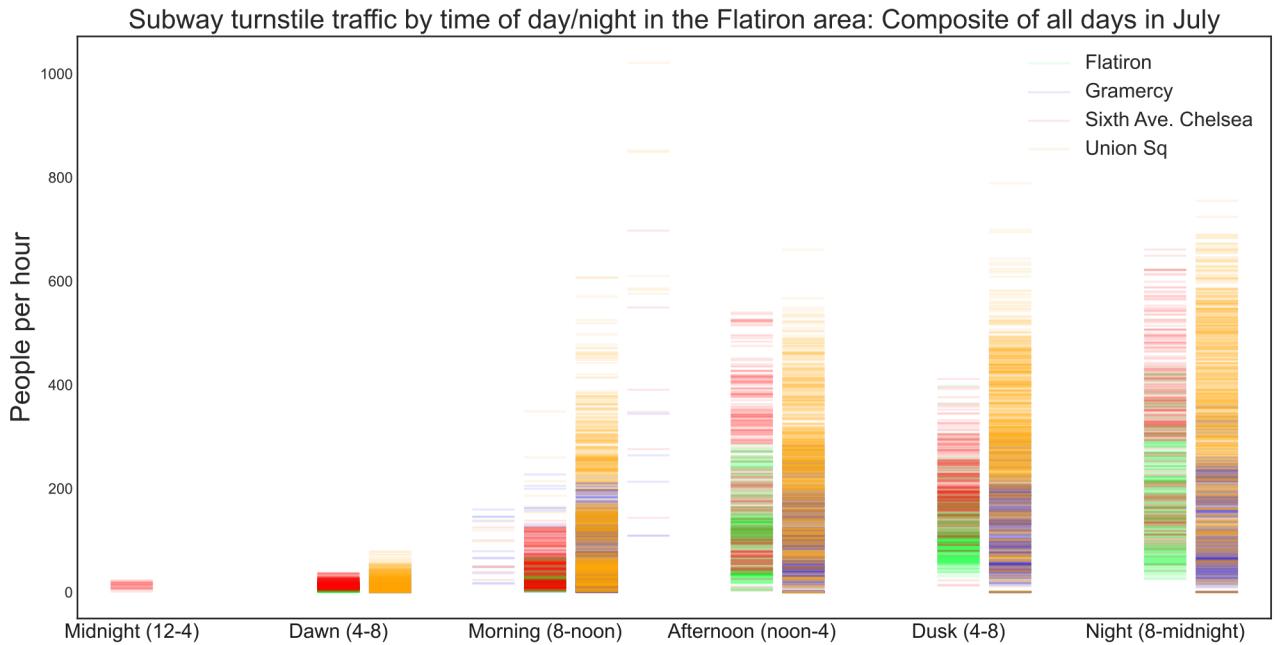
Location, Location, Location



The Flatiron district: NYC's tech hub

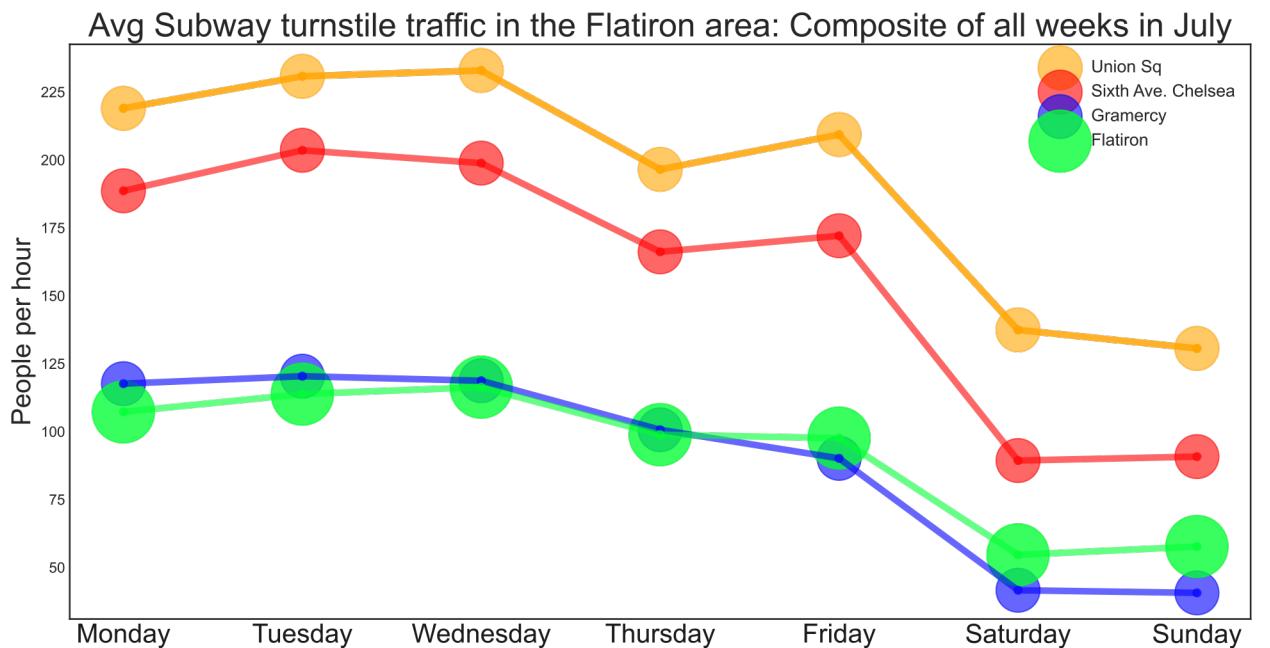
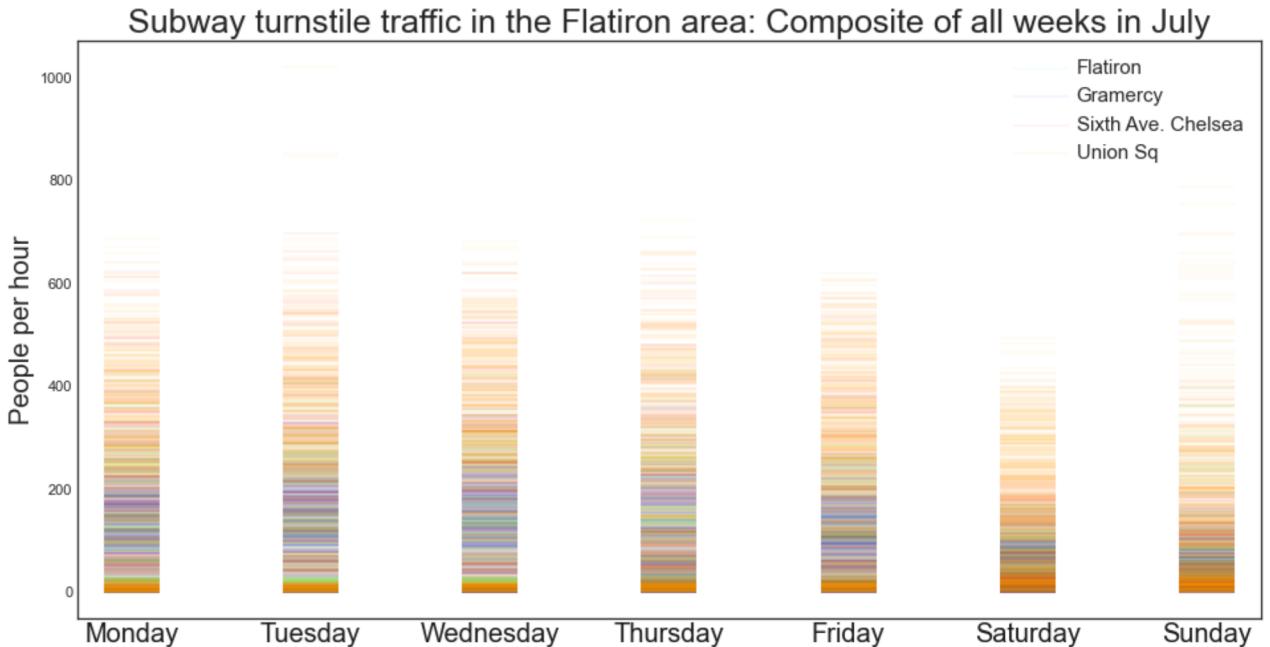
The Flatiron district: NYC's tech hub

Four subway stops in the area



The Flatiron district: NYC's tech hub

Four subway stops in the area

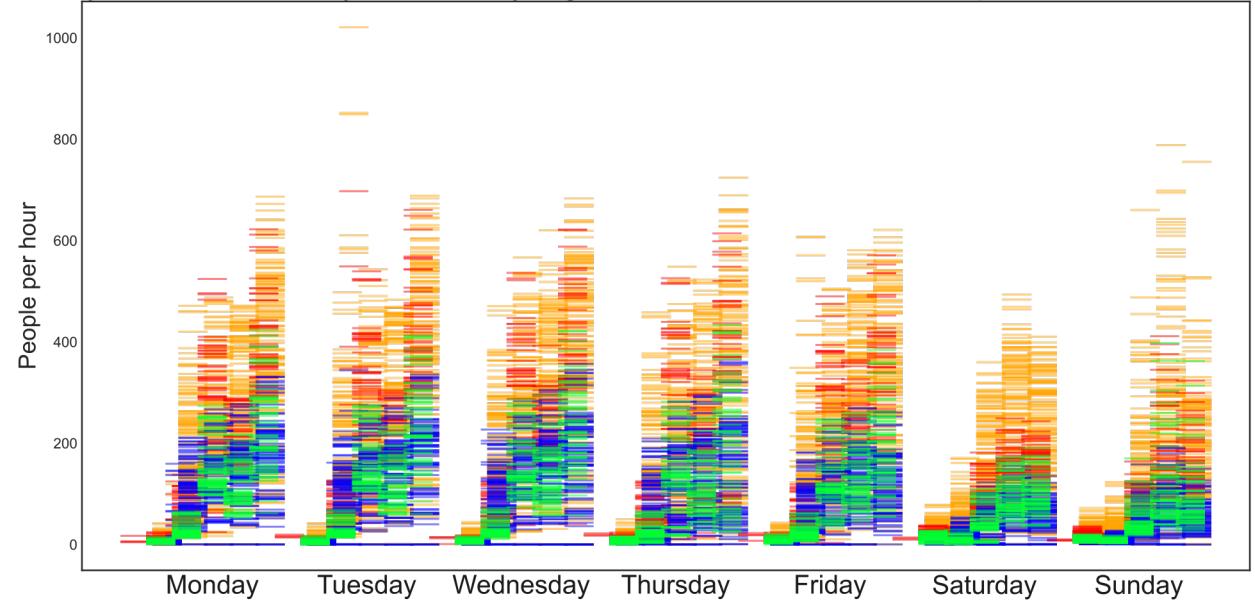


The Flatiron district: NYC's tech hub

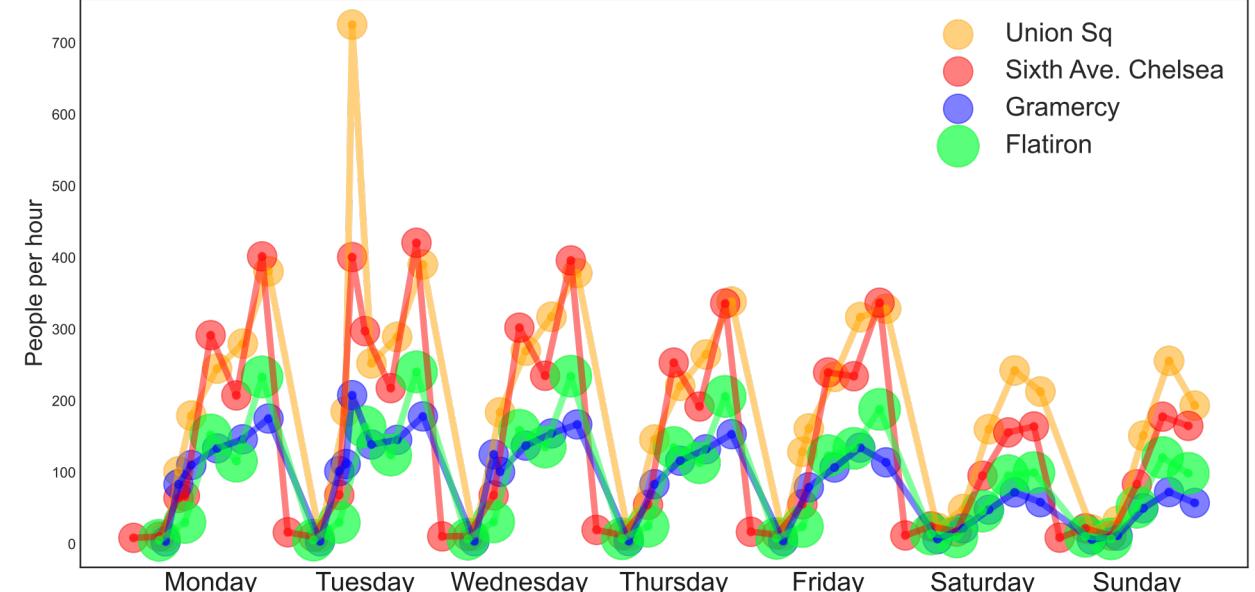
Four subway stops in the area



Subway turnstile traffic by time of day/night in the Flatiron area: Composite of all weeks in July

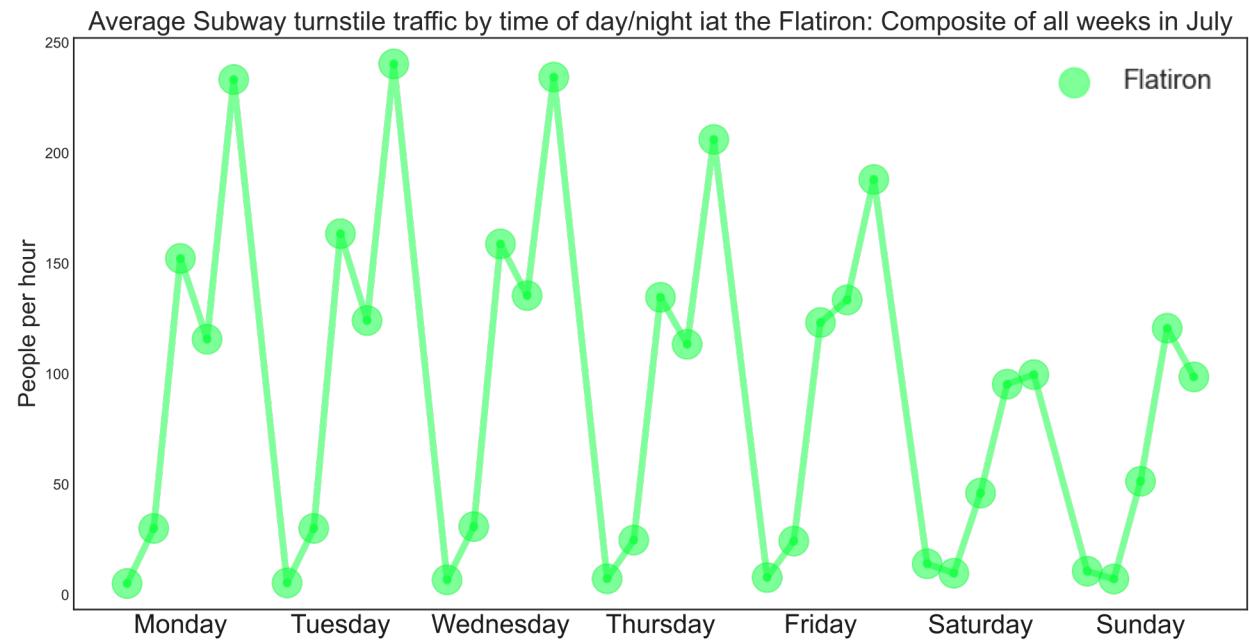
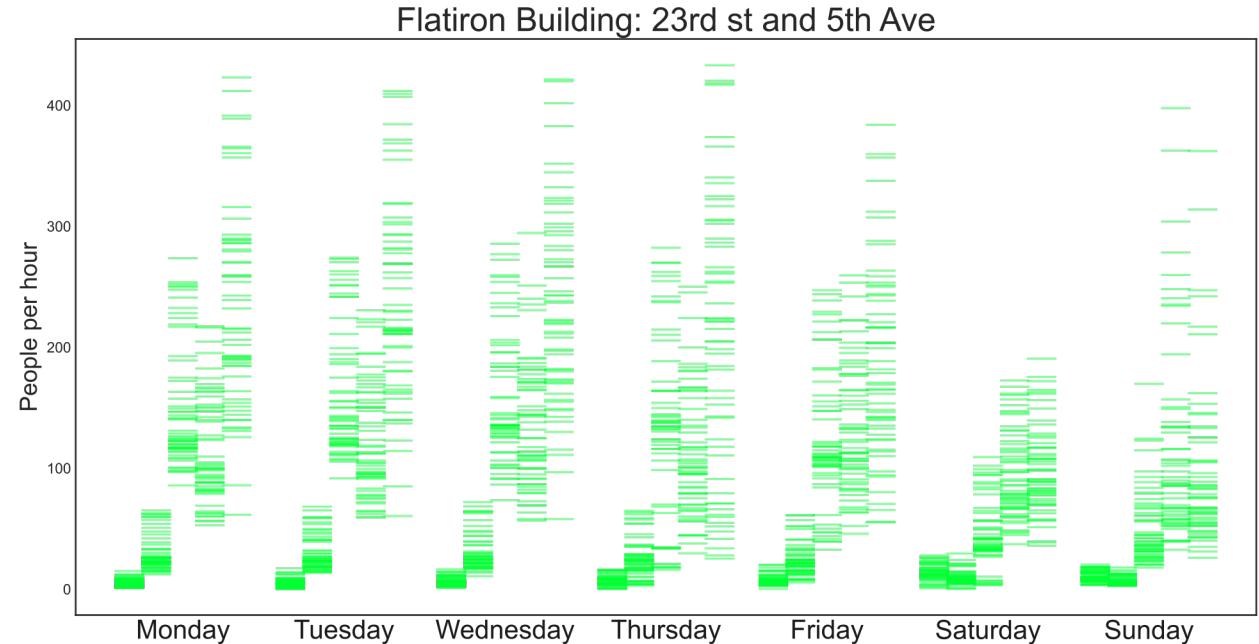


Average Subway turnstile traffic by time of day/night in the Flatiron area: Composite of all weeks in July



The Flatiron district: NYC's tech hub

The Flatiron building subway stop: 23rd and 5th Ave



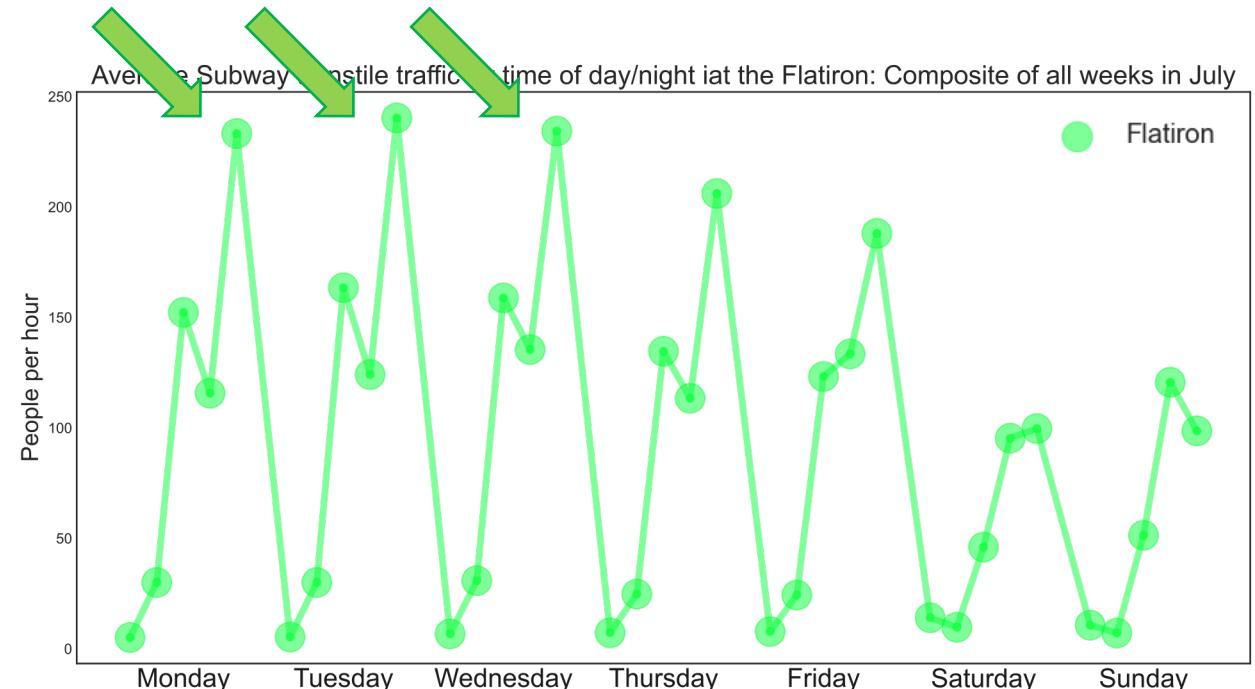
First Recommendation

The Flatiron building subway stop: 23rd and 5th Ave



Flatiron, 23rd st at Broadway and 5th Ave

8pm to midnight , Monday, Tuesday, Wednesday



Location, Location, Location



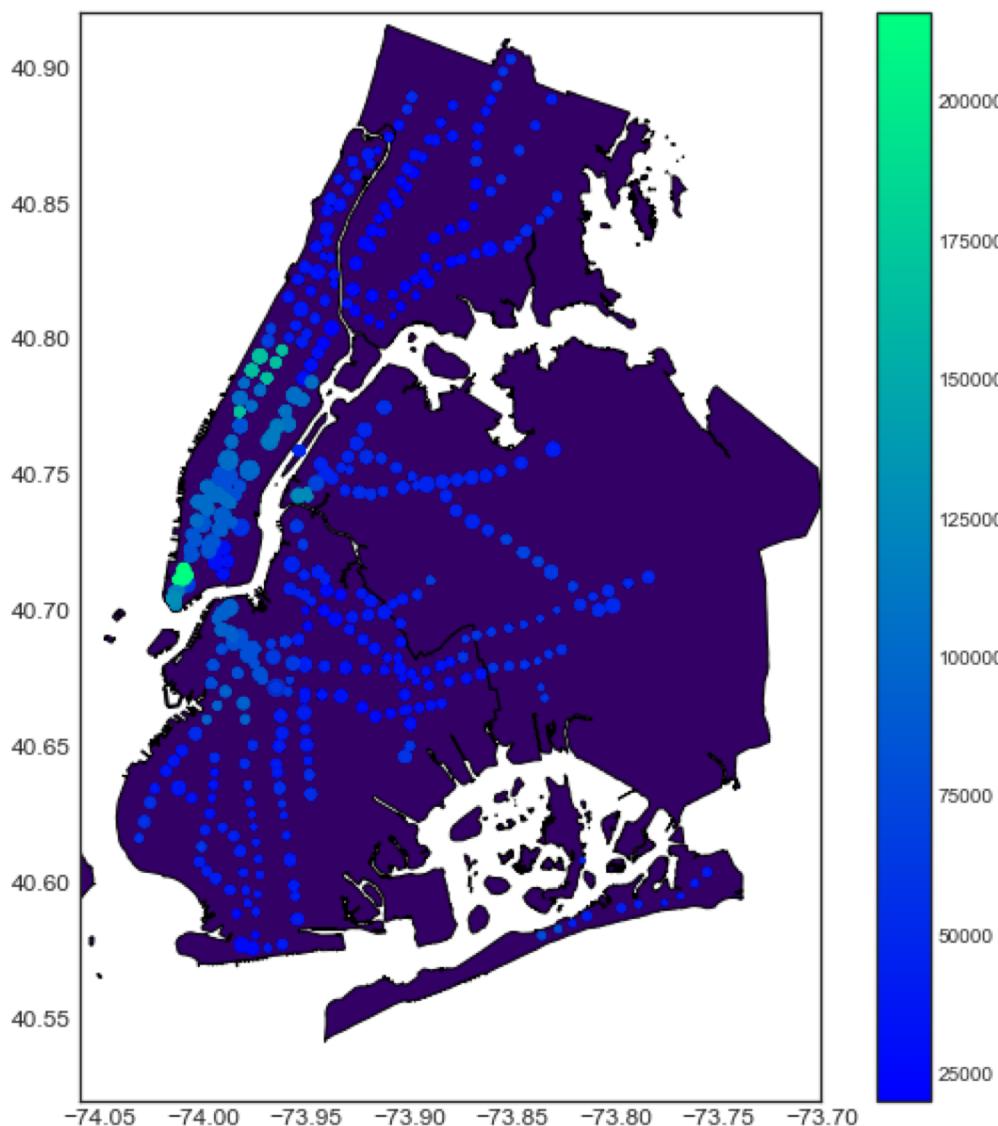
High-income neighborhoods



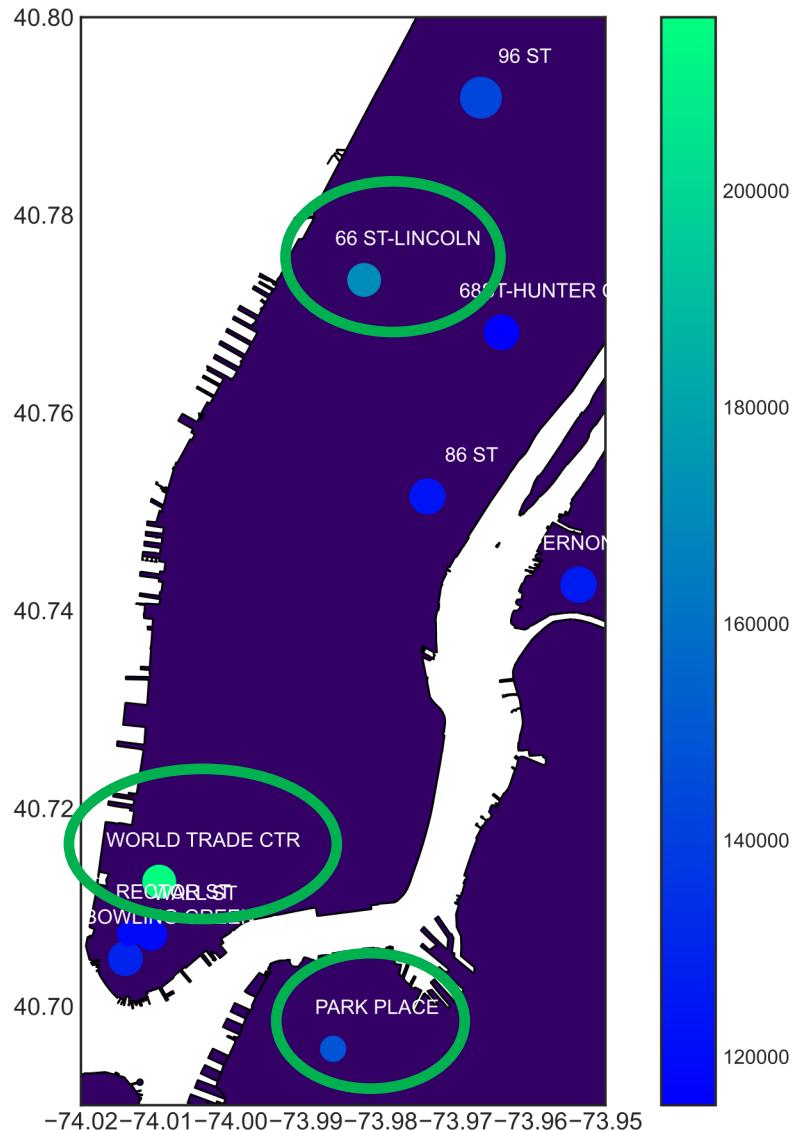
Show me the Money!



Median Household Income by NYC Subway Locations



Top 10 Subway Stations by Household Income



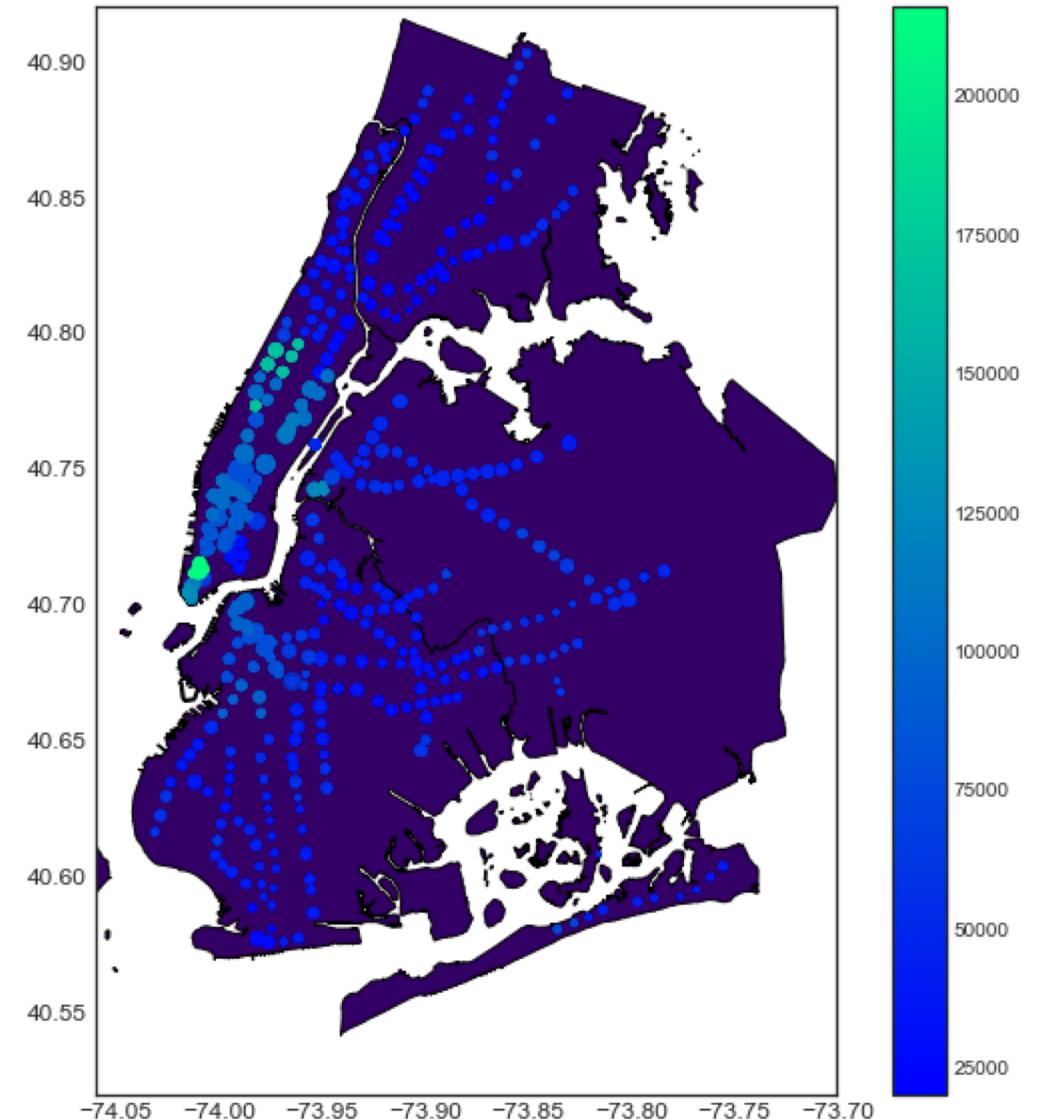
Top 3



Subway Station	Median HH Income
WORLD TRADE CTR	\$ 216,037
66 ST-LINCOLN	\$ 170,630
PARK PLACE	\$ 148,397
96 ST	\$ 143,436
BOWLING GREEN	\$ 129,574
VERNON-JACKSON	\$ 125,871
86 ST	\$ 123,803
RECTOR ST	\$ 119,274
WALL ST	\$ 119,274
68ST-HUNTER CO	\$ 115,519

Location, Location, Location

Pursuing a second recommendation,
by focusing on high-income
neighborhoods



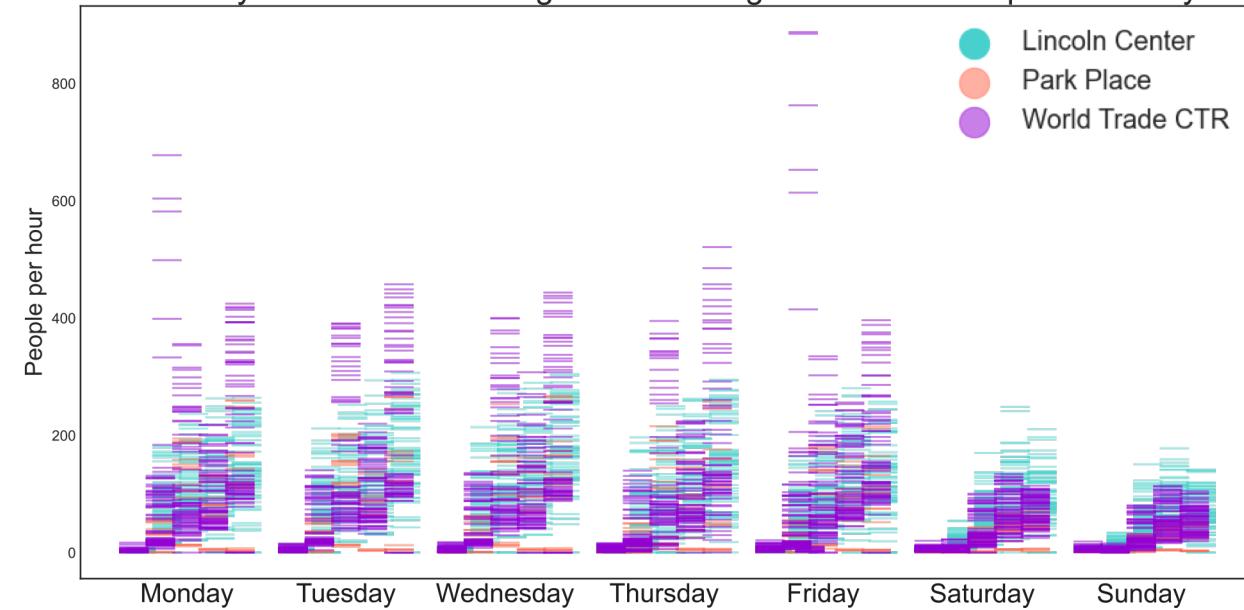
High-income neighborhoods

Choose any from among these

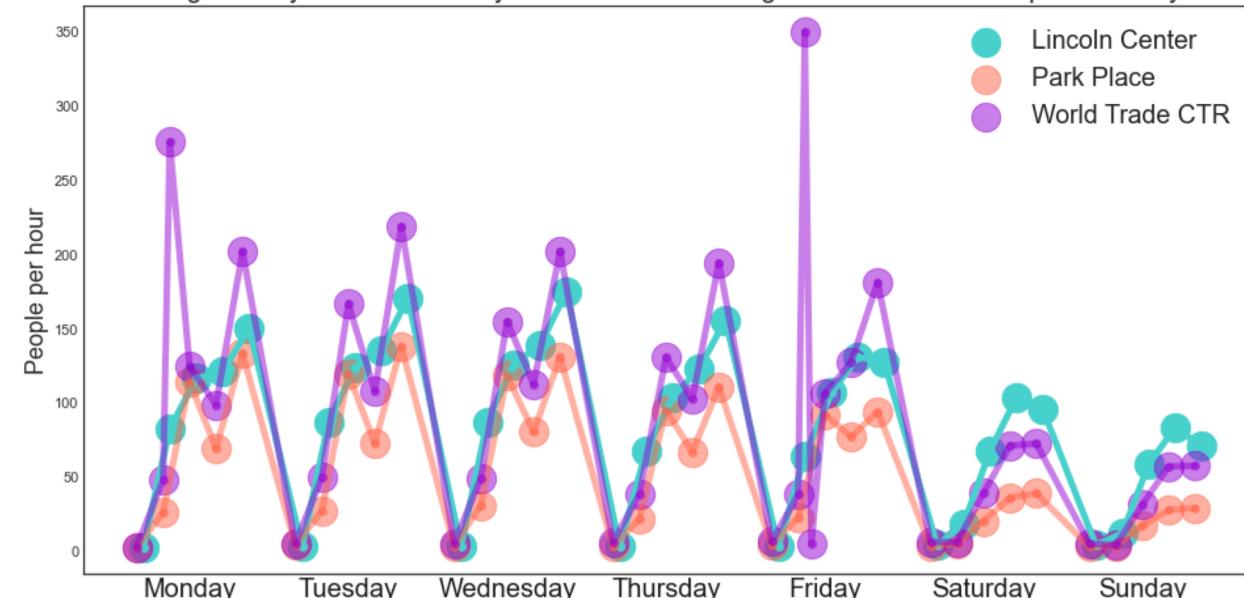
- World Trade CTR
- Lincoln Center
- Park Place



Subway turnstile traffic in high income Neighborhoods: Composite of July



Avg Subway turnstile traffic by time of the week in high-income Areas: Composite of July

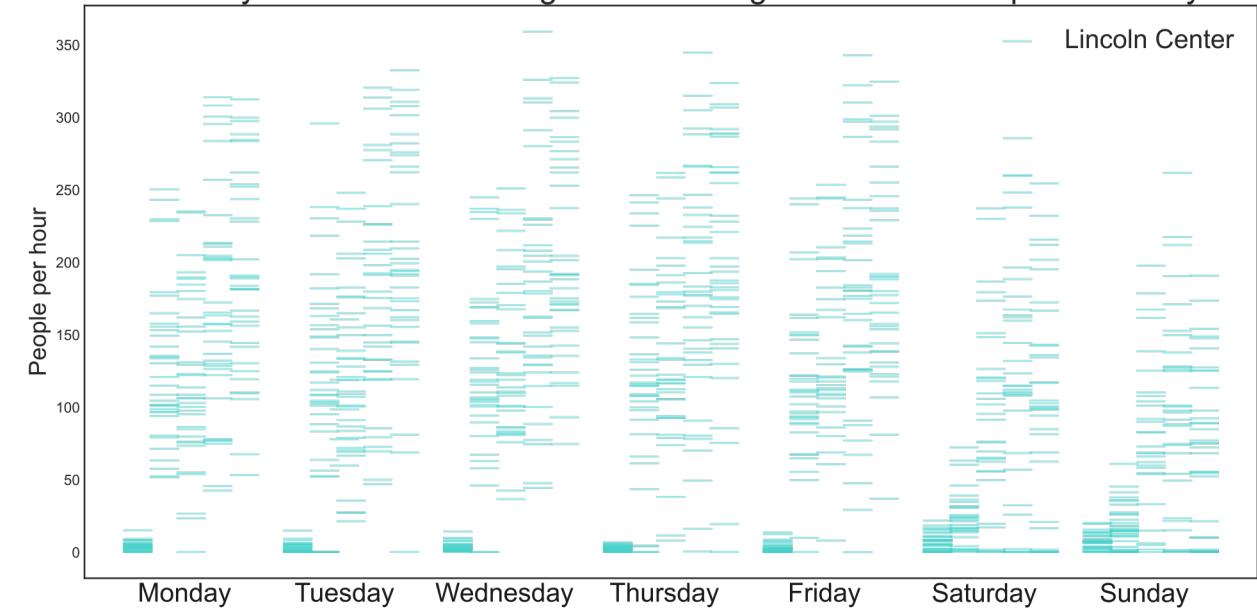


High-income neighborhoods:

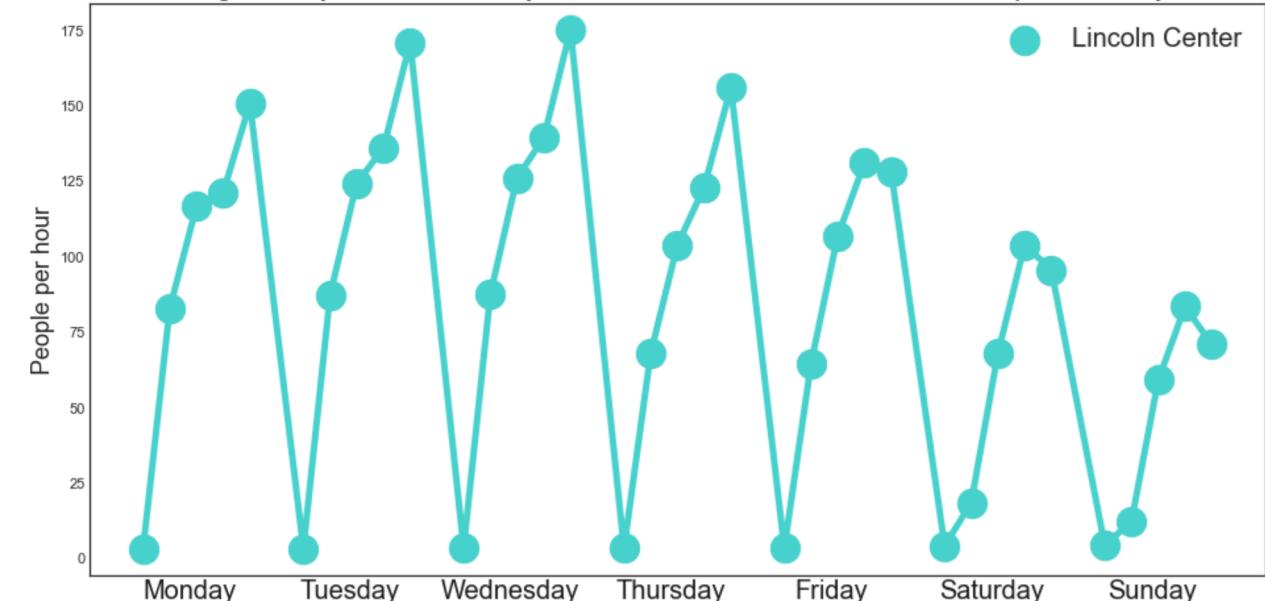
- World Trade CTR
- Lincoln Center
- Park Place



Subway turnstile traffic in high income Neighborhoods: Composite of July



Avg Subway turnstile traffic by time of the week at Lincoln Center: Composite of July



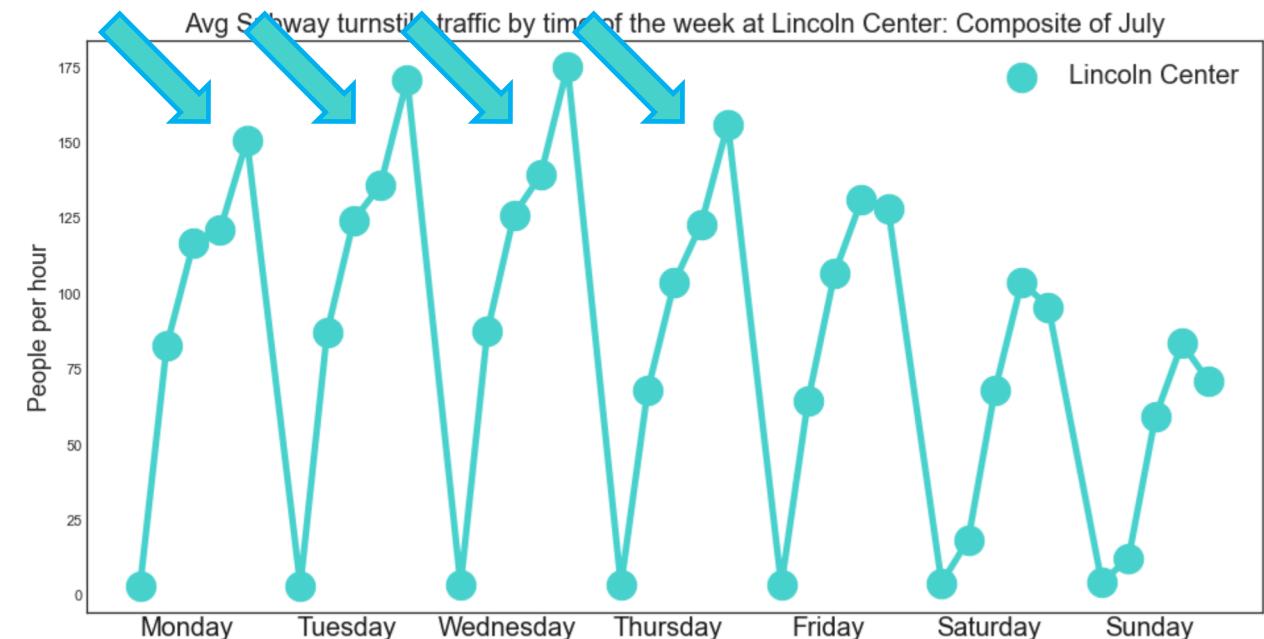
Second Recommendation

The subway stop: 66th Street and Broadway, Lincoln Center

Lincoln Center



12 noon to midnight , Monday through Thursday



SUMMARY

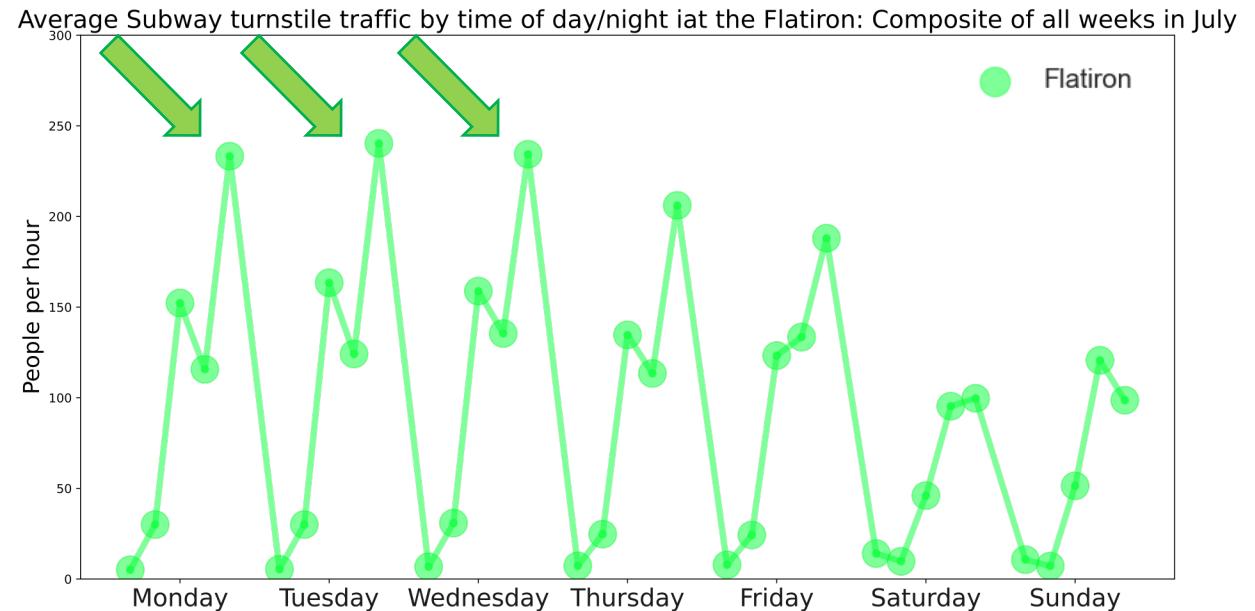
Flatiron



And possibly the other three subway stops in the area:

- Gramercy
- 23rd st. and 6th Ave
- Union Square

8pm to midnight , Monday, Tuesday, Wednesday



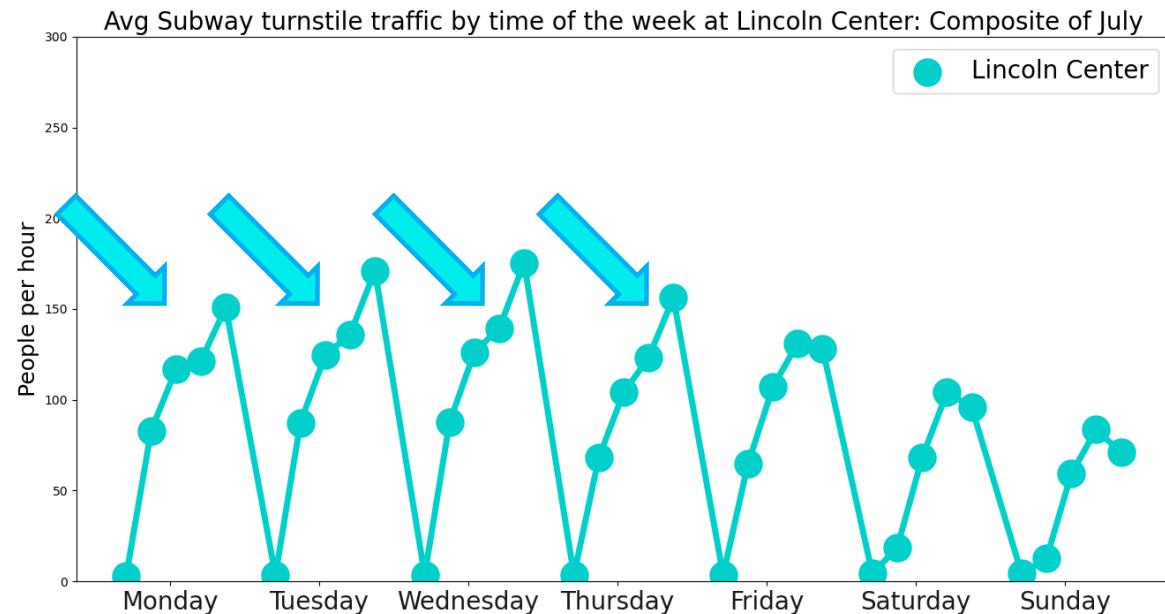
Lincoln Center



Or

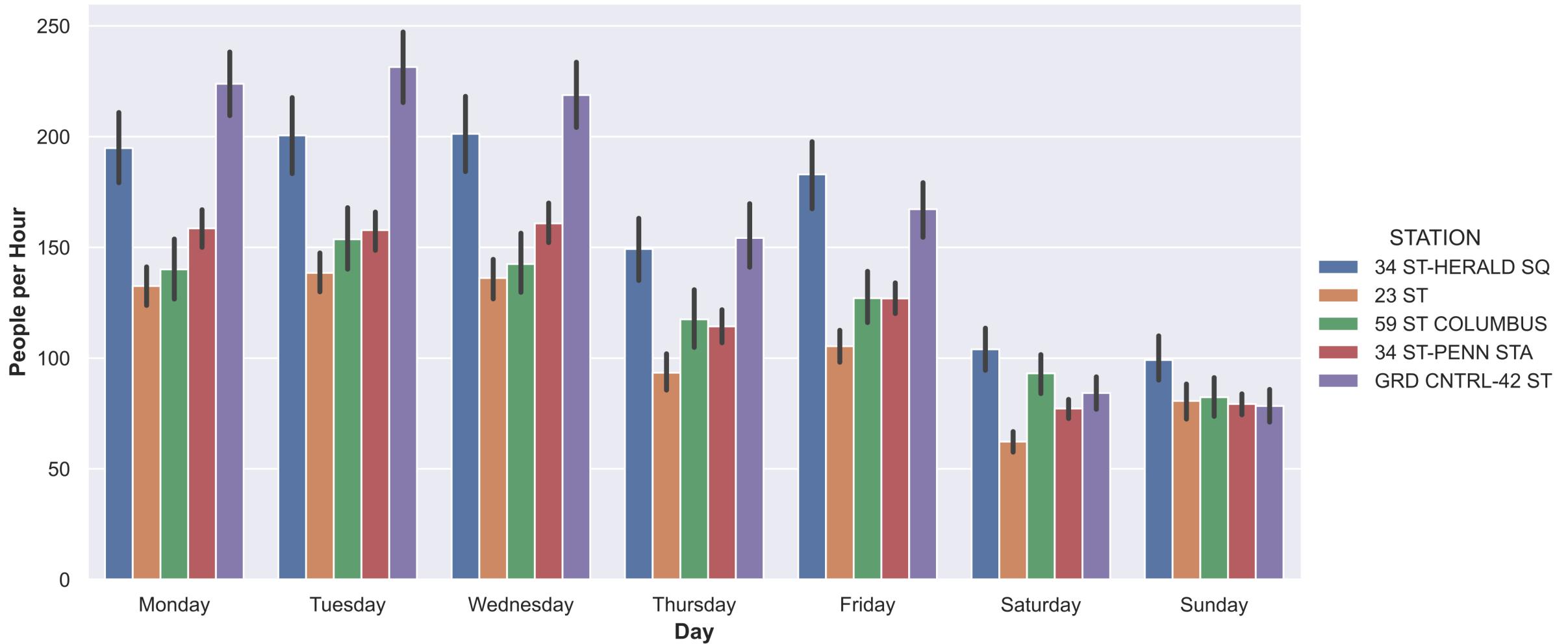
- World Trade CTR
- Park Place

12 noon to midnight, Monday through Thursday



APPENDIX

Traffic by Day per Station



Turnstile Fluctuation By Time of Day

