Stats are boring
Don’t become one

Keeping you safe NYC

Aaron Barela
Apr 30th, 2020

Goal

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1. Steps to “prevent“ crime

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1. Steps to “prevent“ crime
2. Deciding when to plan your visit

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1. Steps to “prevent“ crime
2. Deciding when to plan your visit
3. Planning commute days/times

Goal

1. Steps to “prevent“ crime
2. Deciding when to plan your visit
3. Planning commute days/times
4. Having fun!

Methodology

Methodology

Why?

Methodology

Why?

When?

Methodology

Why?

When?

Methodology

Why?

- Should you care about crime?

Crime in NYC

2020 Arrest Data for Manhattan

https://data.cityofnewyork.us/Public-Safety/NYPD-Arrest-Data-Year-to-Date

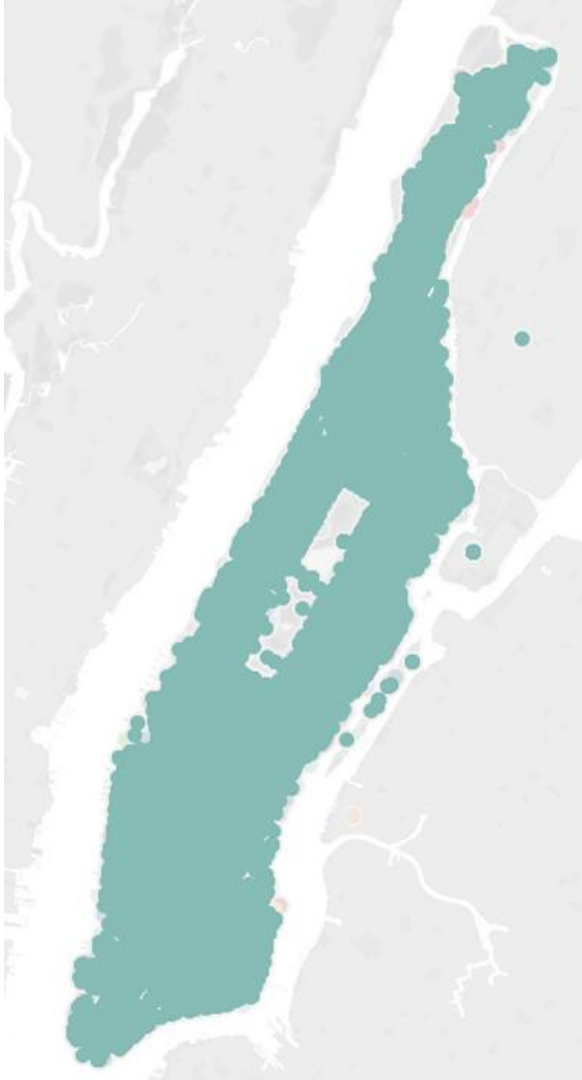
Crime in NYC

2020 Arrest Data for Manhattan

Crime in NYC

2020 Arrest Data for Manhattan

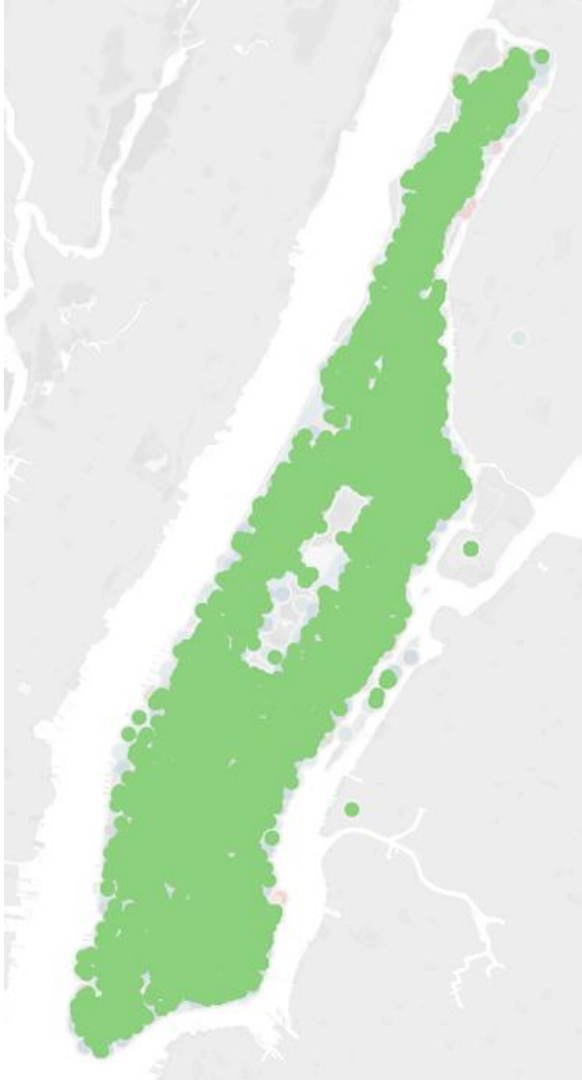
- 43k+ Theft



Crime in NYC

2020 Arrest Data for Manhattan

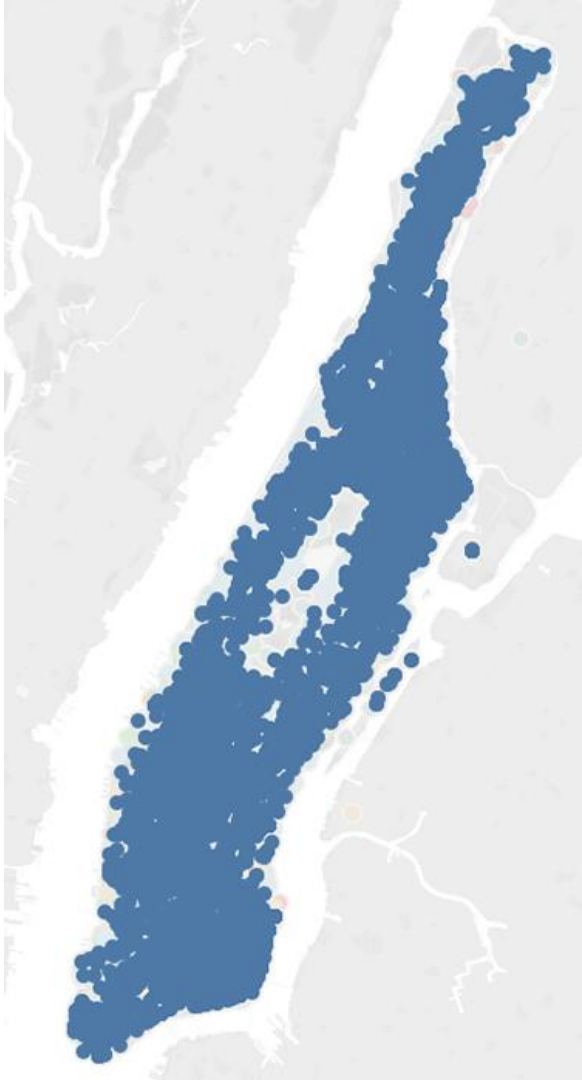
- 43k+ Theft
- 12k+ Harassment



Crime in NYC

2020 Arrest Data for Manhattan

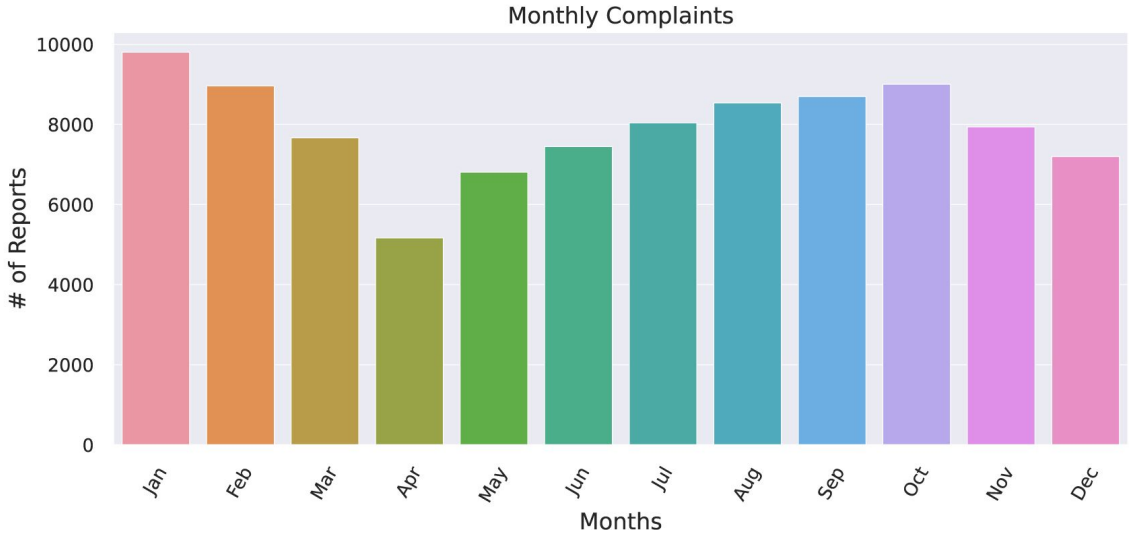
- 43k+ Theft
- 12k+ Harassment
- 12k+ Assaults

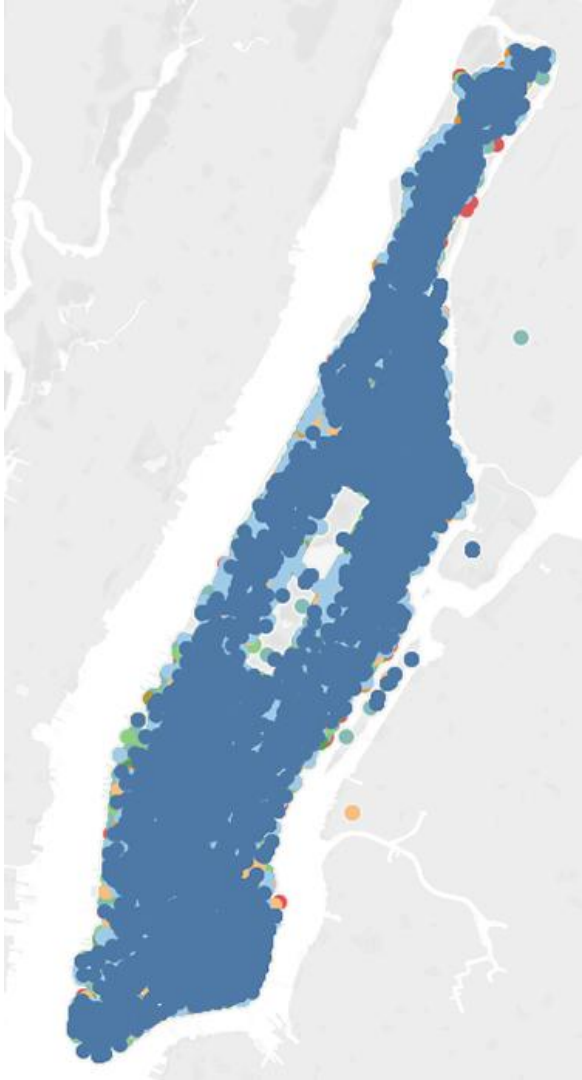


Crime in NYC

2020 Arrest Data for Manhattan

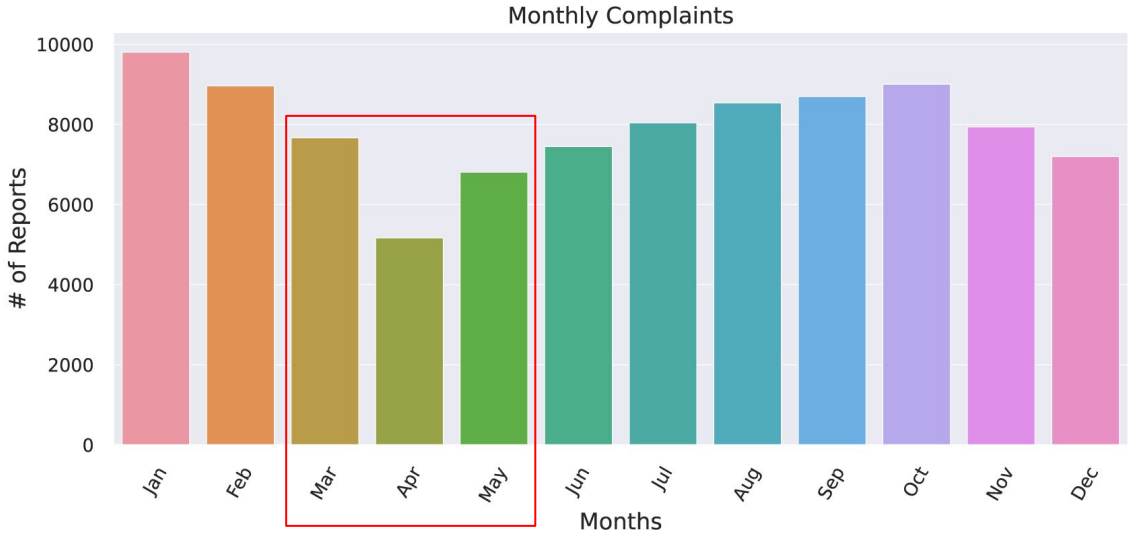
95k+ Total

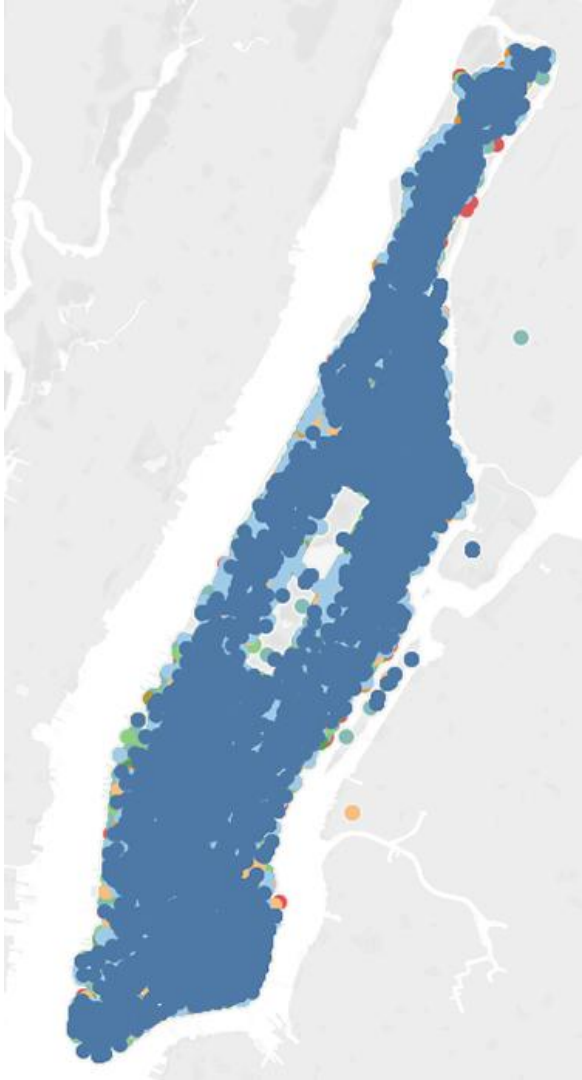




So what?

Which matter for you





Methodology

Why?

- Should you care?

When?

Methodology

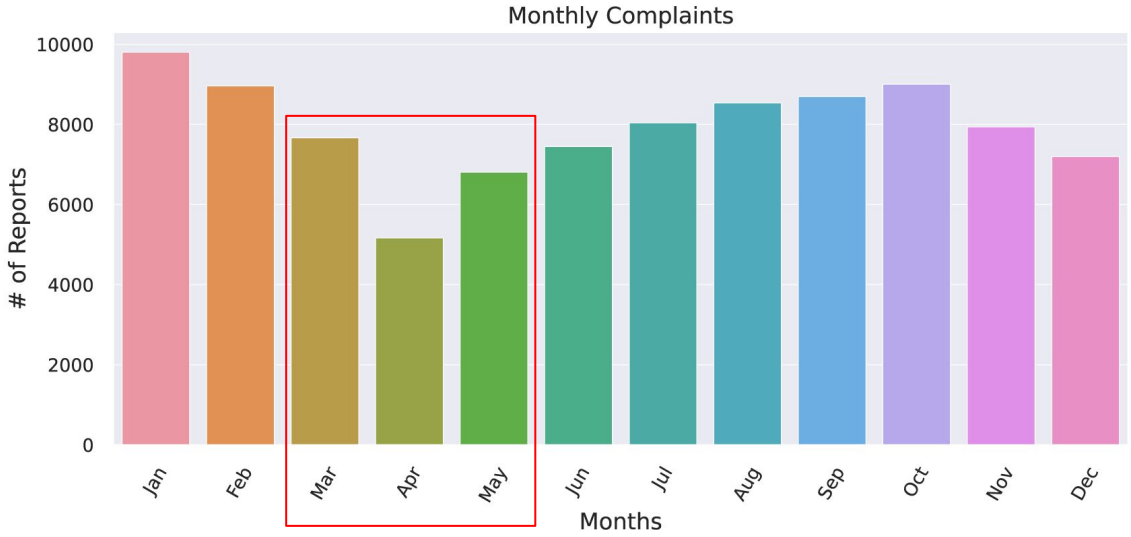
Why?

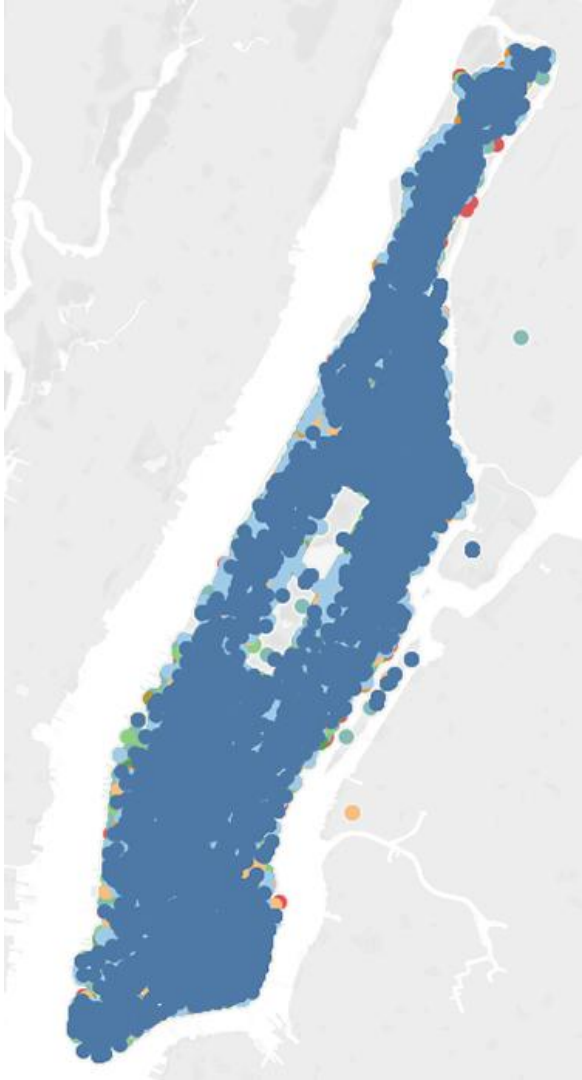
- Should you care?

When?

- To visit

When to visit?

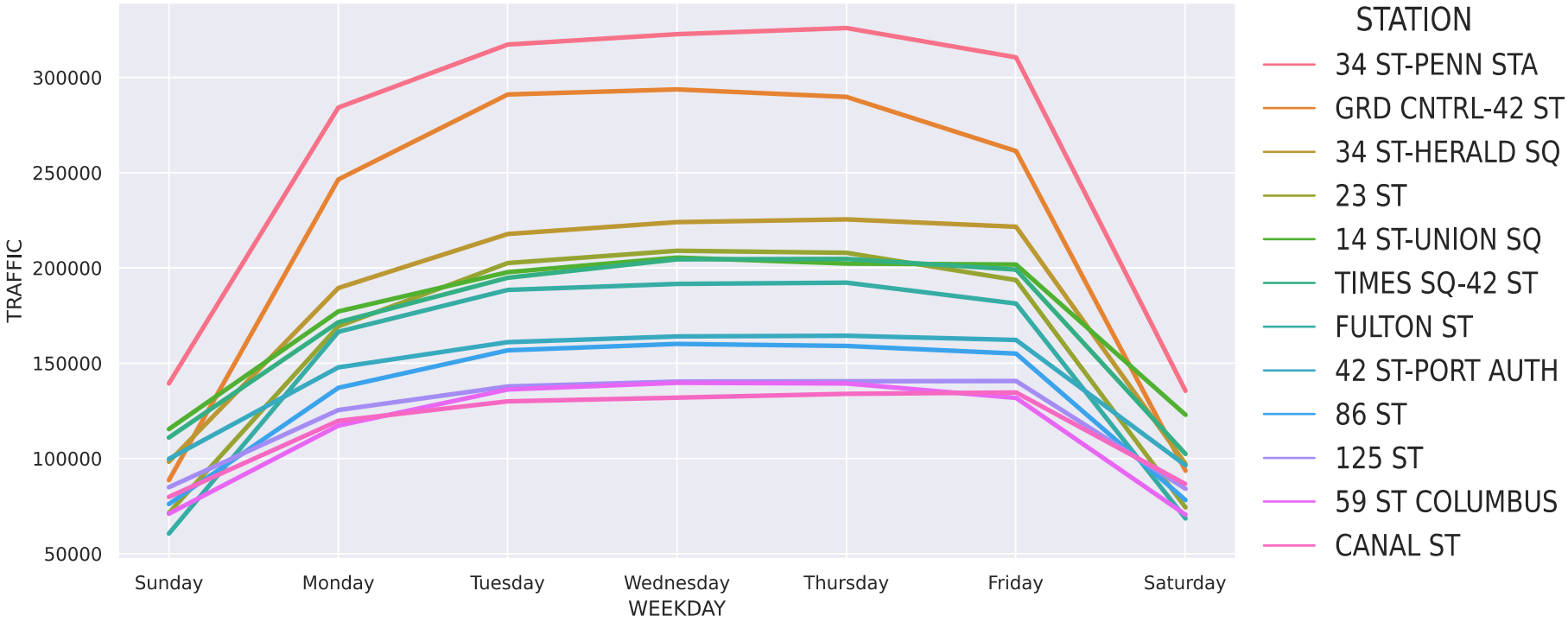




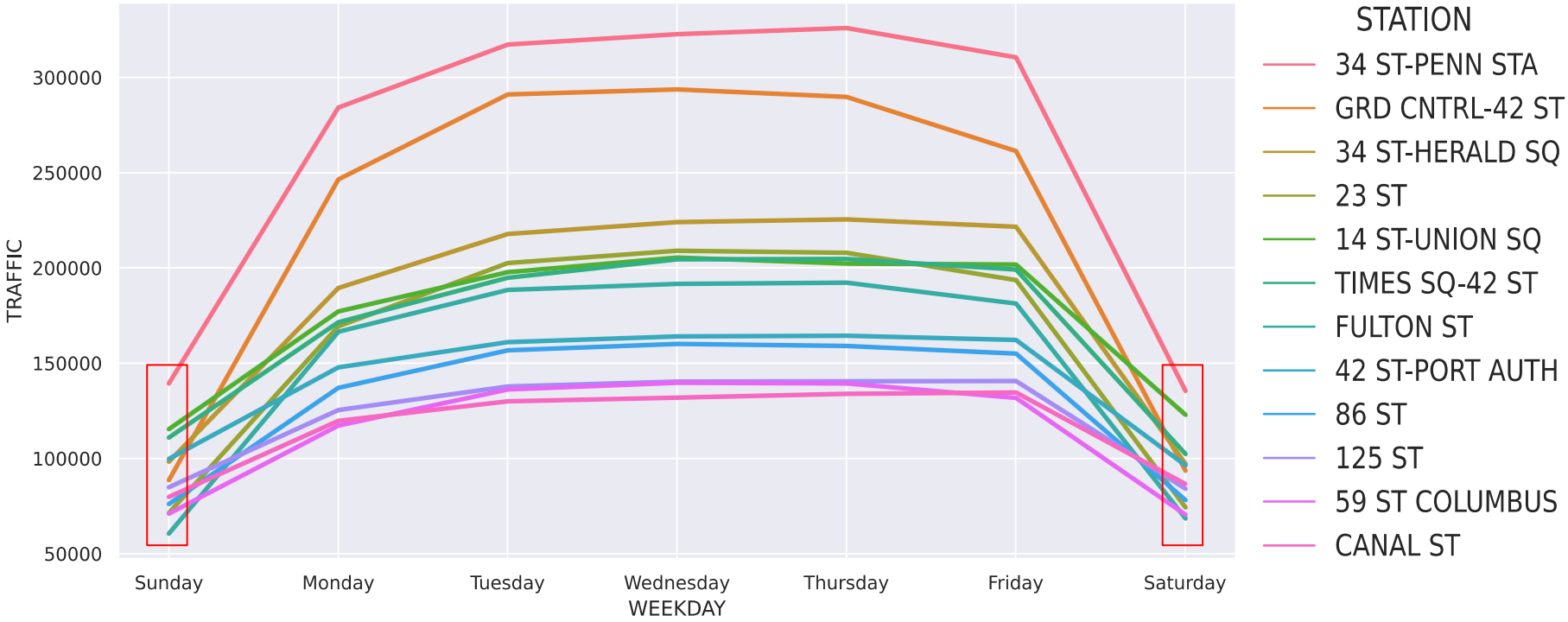
Getting around?

- 2020 MTA Data - Refined to March to May

Top busy stations



Top busy stations



Recommendation

Conclusion

Month	Days	Times
April	Weekends	6 - 8 am & 4 - 6pm

Thank you!

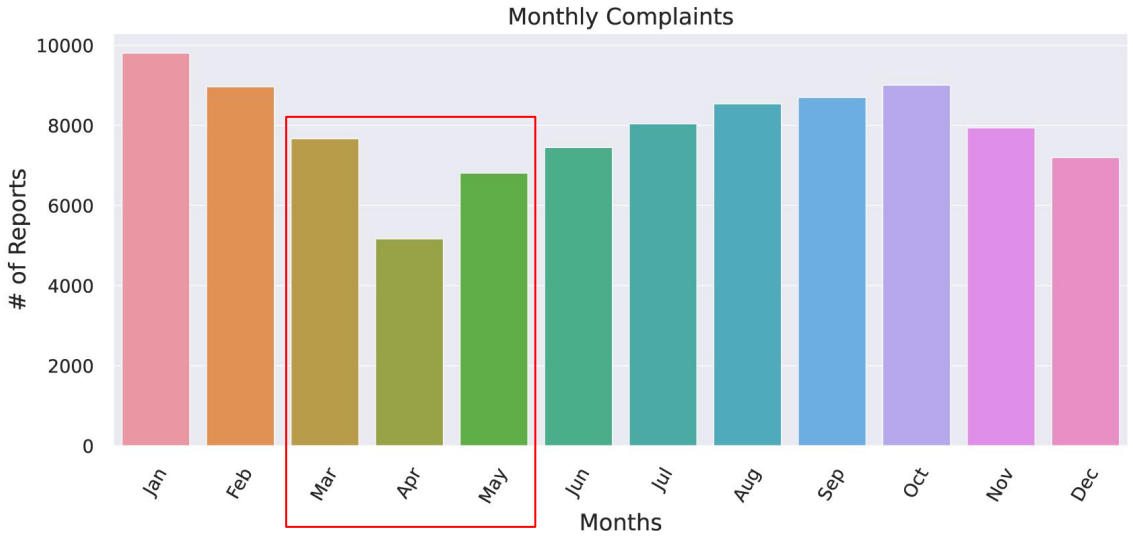
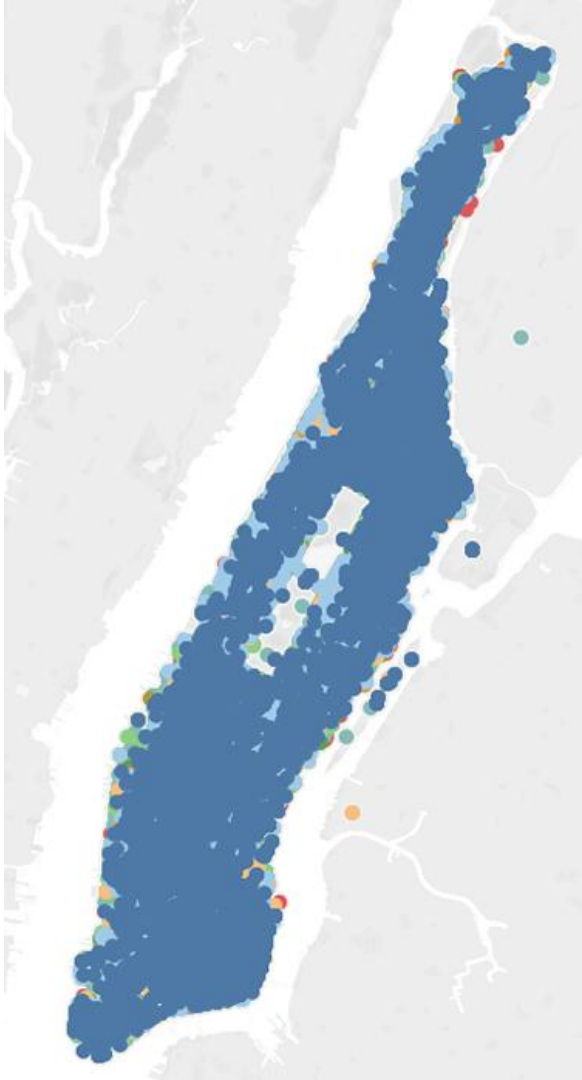
Data Sources

- MTA Turnstile Data for 2020
  - http://web.mta.info/developers/turnstile.html
- MTA Station Information
  - http://web.mta.info/developers/data/nyct/subway/Stations.csv
- MTA Remote Booth Station
  - http://web.mta.info/developers/resources/nyct/turnstile/Remote-Booth-Station.xls
  -
- NYPD Arrest Data
  - https://data.cityofnewyork.us/Public-Safety/NYPD-Arrest-Data-Year-to-Date-

Appendix

Further Analysis

- Finding year over year changes in rates of crime
- Finding (Euclidean) distance of complaints to nearest stations
- Identifying top stations with highest crime rates, to avoid certain stations

Hourly breakdown

Which matter for you