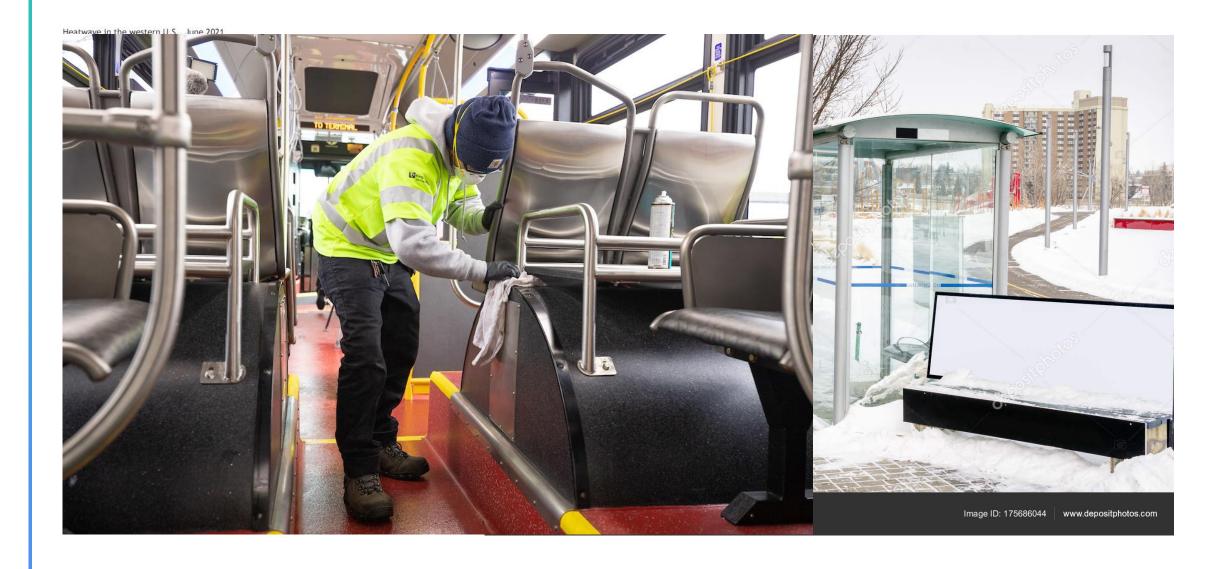


Weather

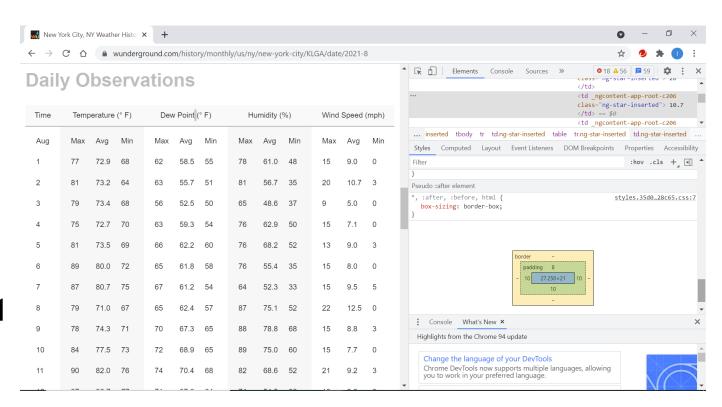


Data

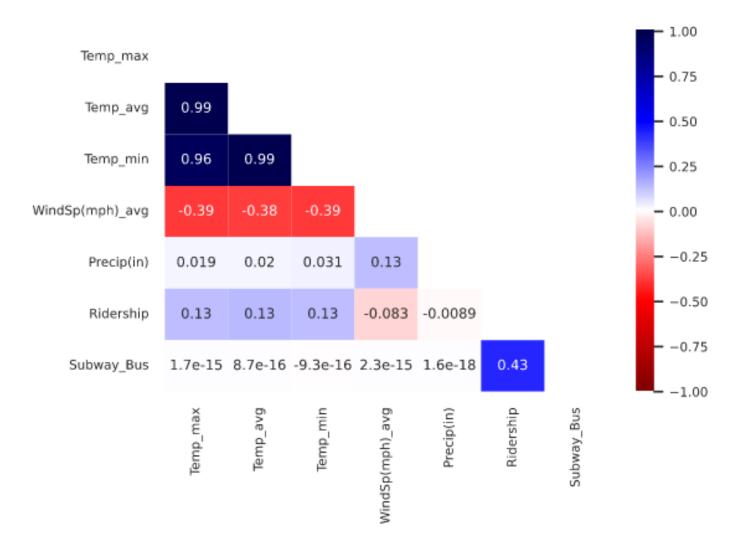
- New York weather:
 - temperature,
 - precipitation,
 - wind speed
- MTA daily:
 - subway,
 - bus

March 2020 – September 2021

- Date:
 - days of week,
 - season,
 - Federal holidays



Heat map



Relevant features

Population

Employment or economic indicators

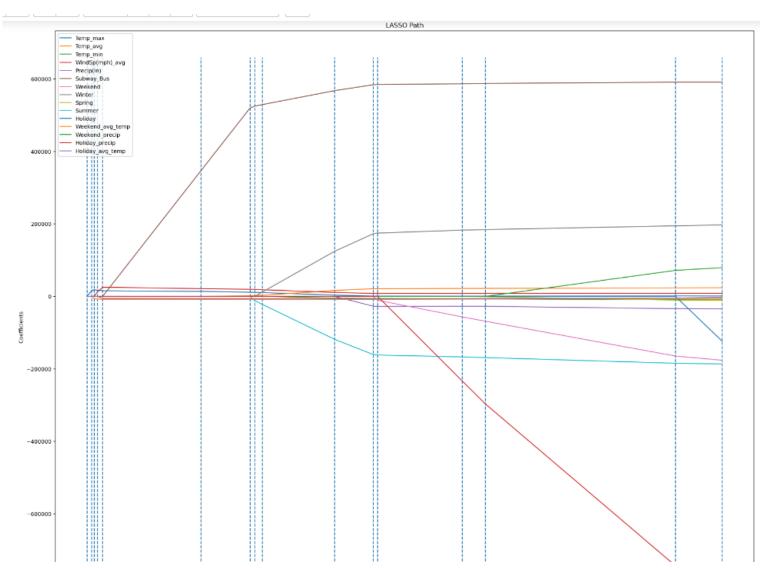
Quality of service: frequency

&

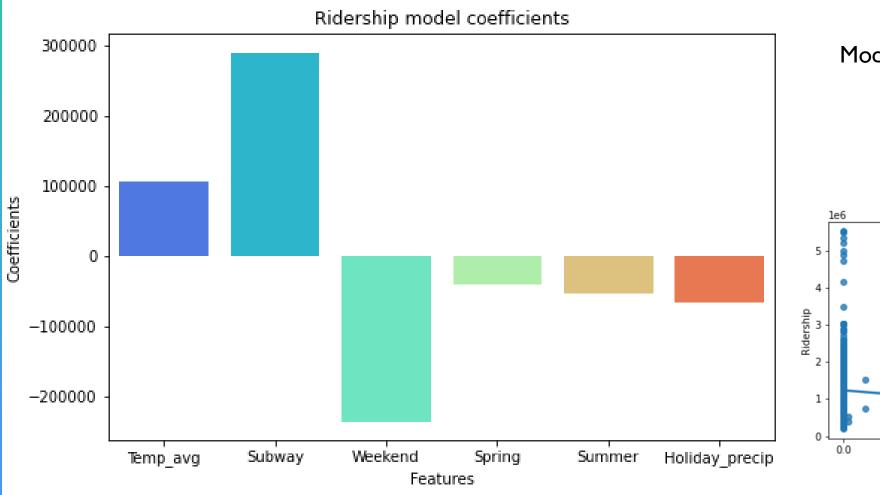
Covid!

- On a daily basis?
- On a city scale?

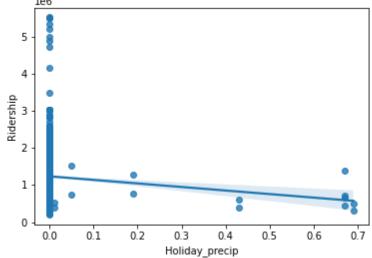
Larsplot



Model



Model Test Score: 0.33



Conclusions

- Transit stops near holiday attractions
- Cold weather & precipitation

Future work

- Covid features
- Time-series