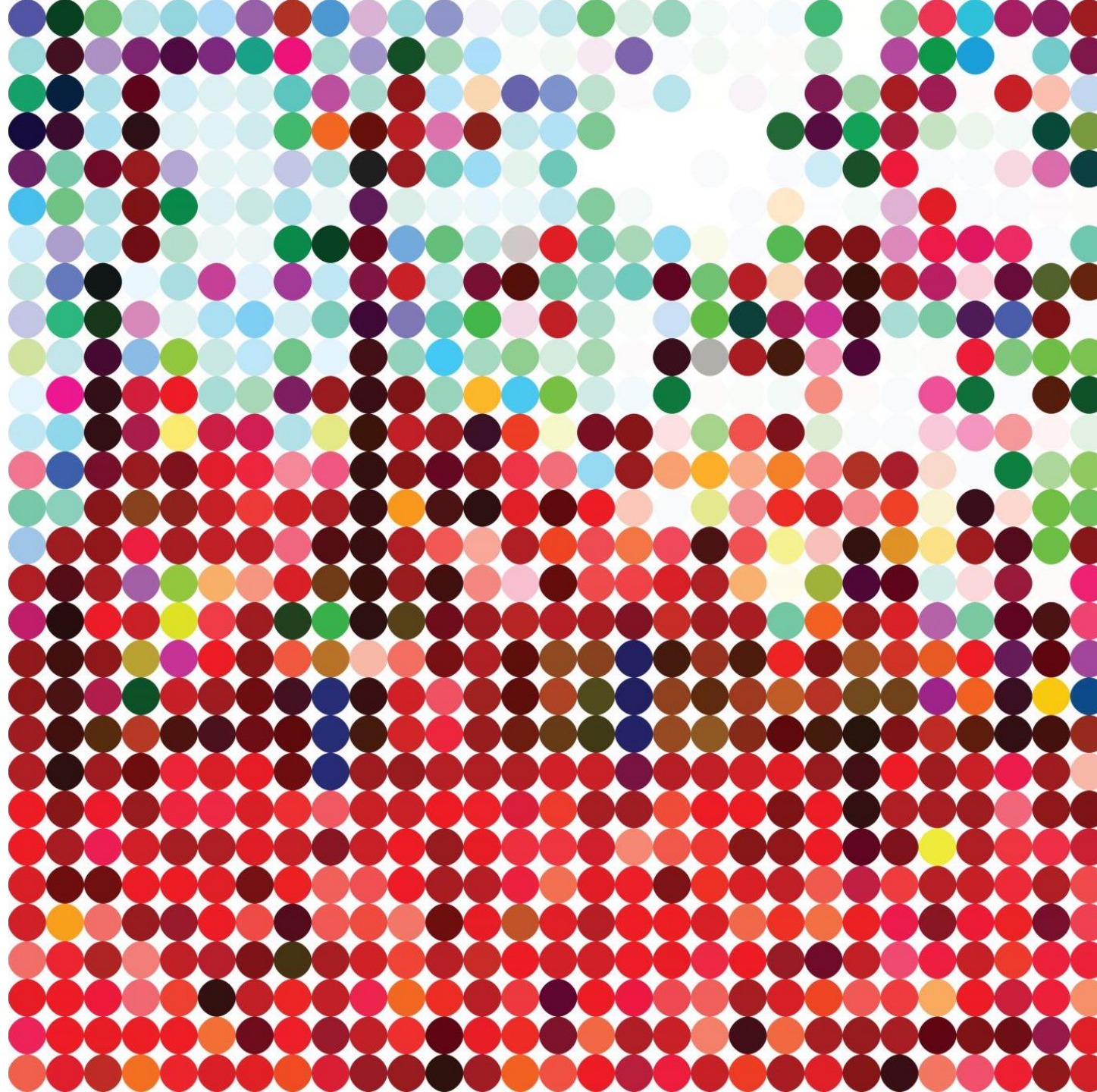# Some Ease for your Eisel

Where an artist can perform for the largest audience

What's the Problem?

+ NYC is a haven for artists. But where can they set up shop so they can enrich the largest audience possible?

Solution

+ People are more readily entertained, while waiting for their commute

+ MTA stations are the venue for the every-man

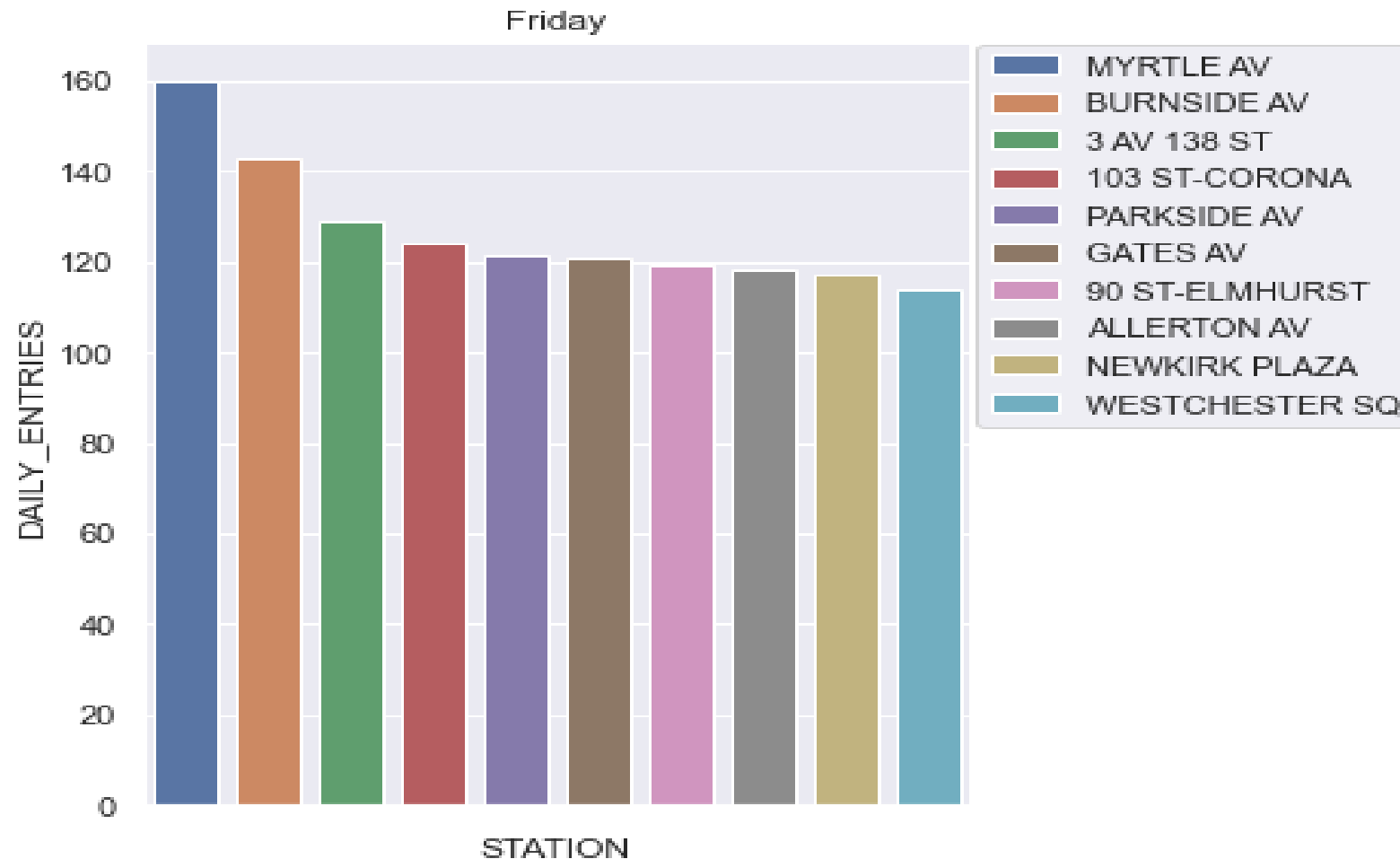+ Using MTA data, we can pinpoint the ideal station on your day of performance

Raw MTA Data

+ Downloaded from:

+

+ Used the histogram to isolate outliers in daily station entries.

+ Outliers were later removed.

+ Also removed NA values and negative numbers
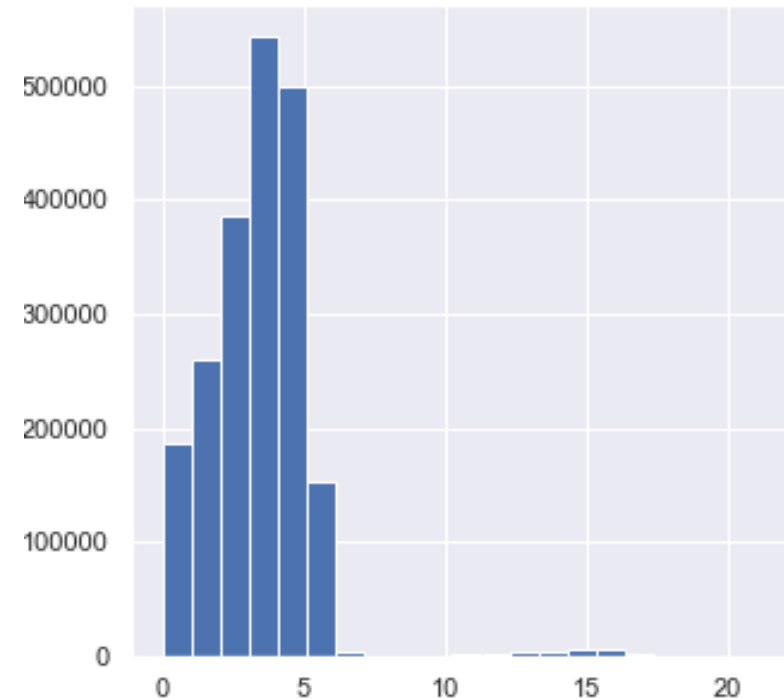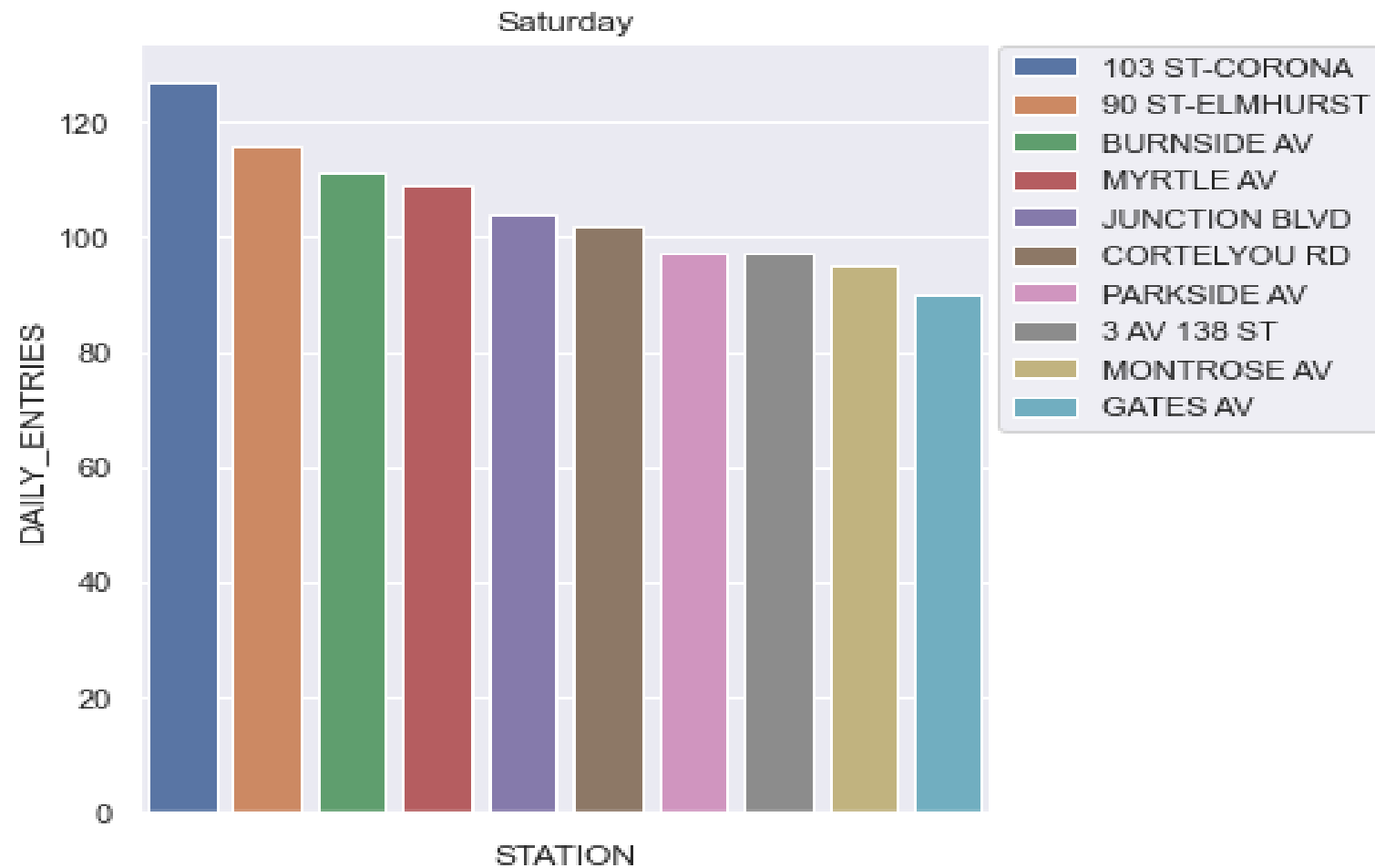
Obtaining data from day-to-day

+ Traffic fluctuates daily
+ So does the artist's availability
+ Need data separated by days.
+ Only interested in subway entries

Snapshot of Friday

And Saturday

Saturday

Legend:
- 103 ST-CORONA
- 90 ST-ELMHURST
- BURNSIDE AV
- MYRTLE AV
- JUNCTION BLVD
- CORTELYOU RD
- PARKSIDE AV
- 3 AV 138 ST
- MONTROSE AV
- GATES AV

Conclusion

+ Clear difference between station entry traffic and how different weekdays result in different outcomes.

+ Can reach a larger audience using exploratory data analysis.

+ Entertain a larger audience of poor and huddled masses