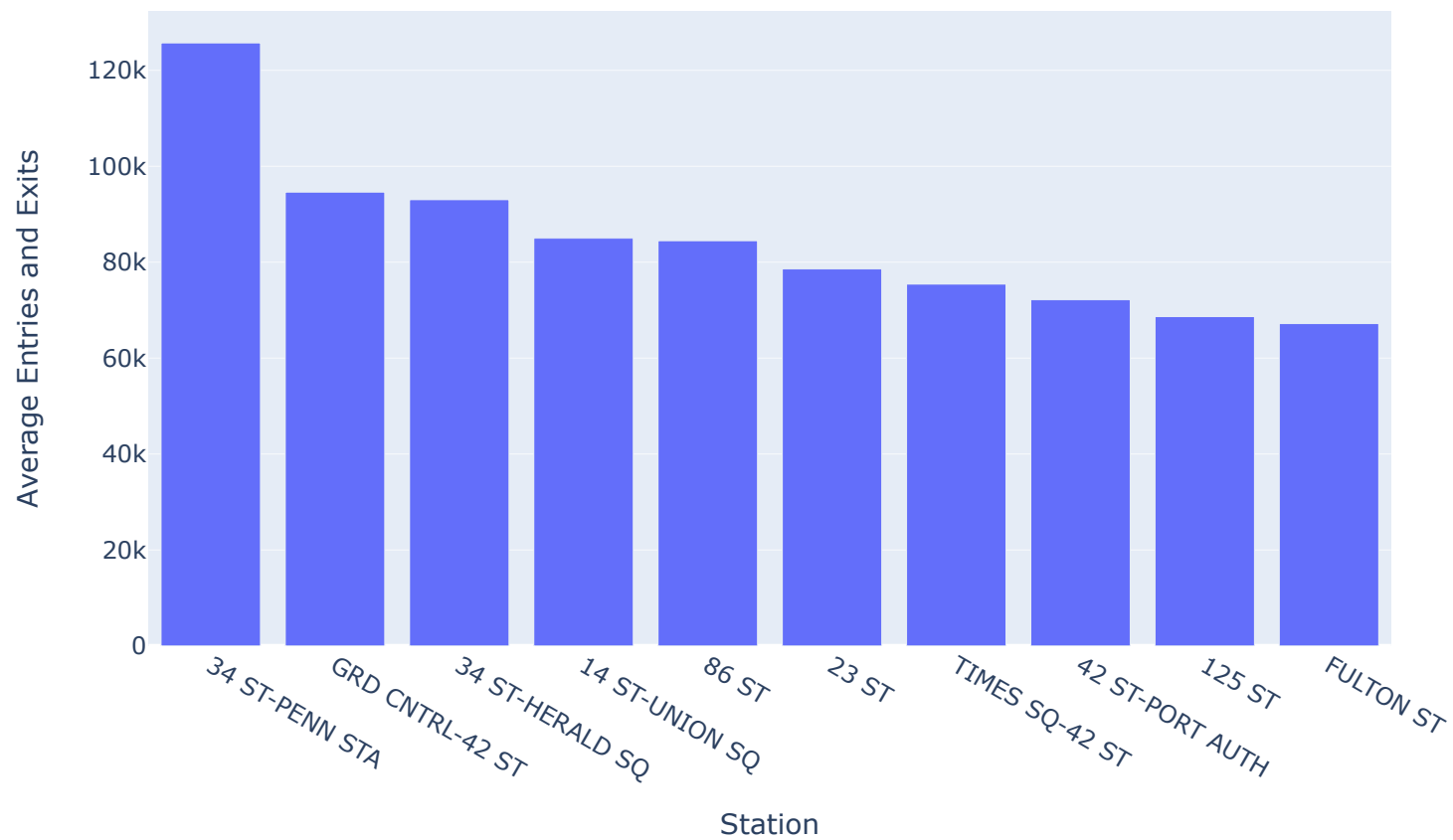


**Advising Street Performer Karolina Protsenko on
Performance Locations Using MTA Turnstile Data**

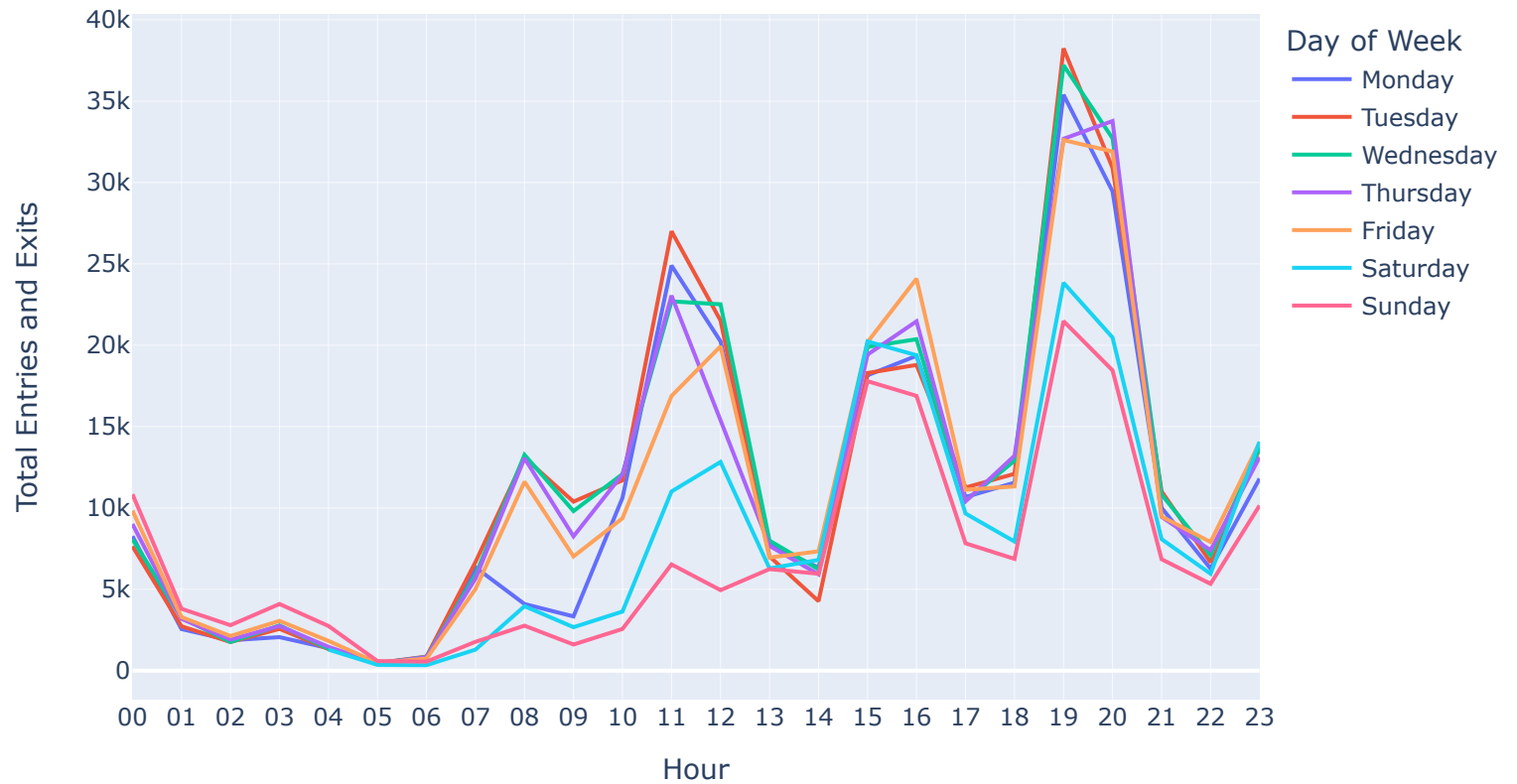
```
In [30]: fig.show()
```

Average Entries and Exits Per Station Oct-Dec 2021



```
In [39]: fig.show()
```

Total Traffic at 34th Street and Penn Station By Day and Time



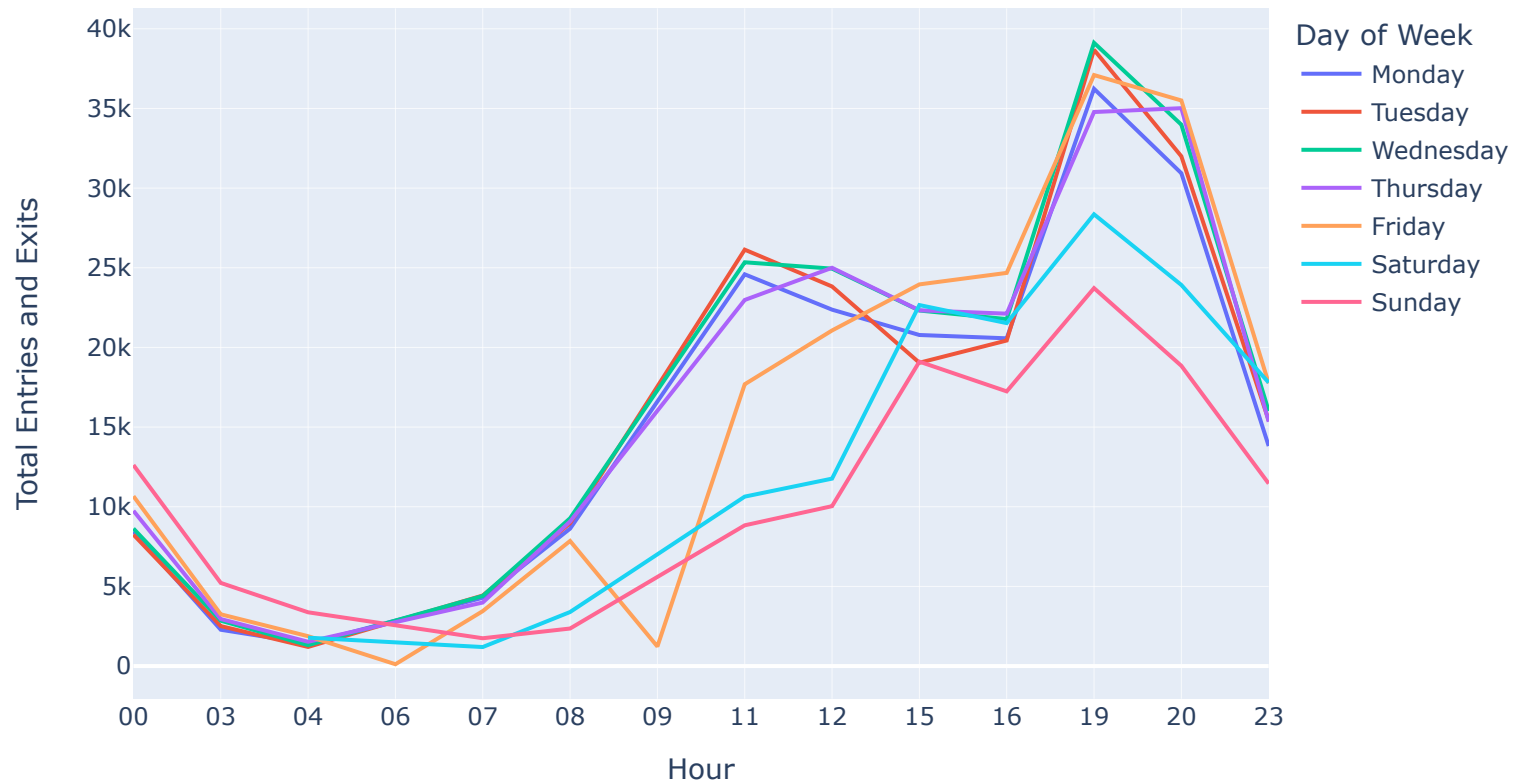
```
In [41]: station_plot("GRD CNTRL-42 ST", "Grand Central and 42nd St")
```

Total Traffic at Grand Central and 42nd St By Day and Time



```
In [42]: station_plot("34 ST-HERALD SQ", "34th Street and Herald Square")
```

Total Traffic at 34th Street and Herald Square By Day and Time



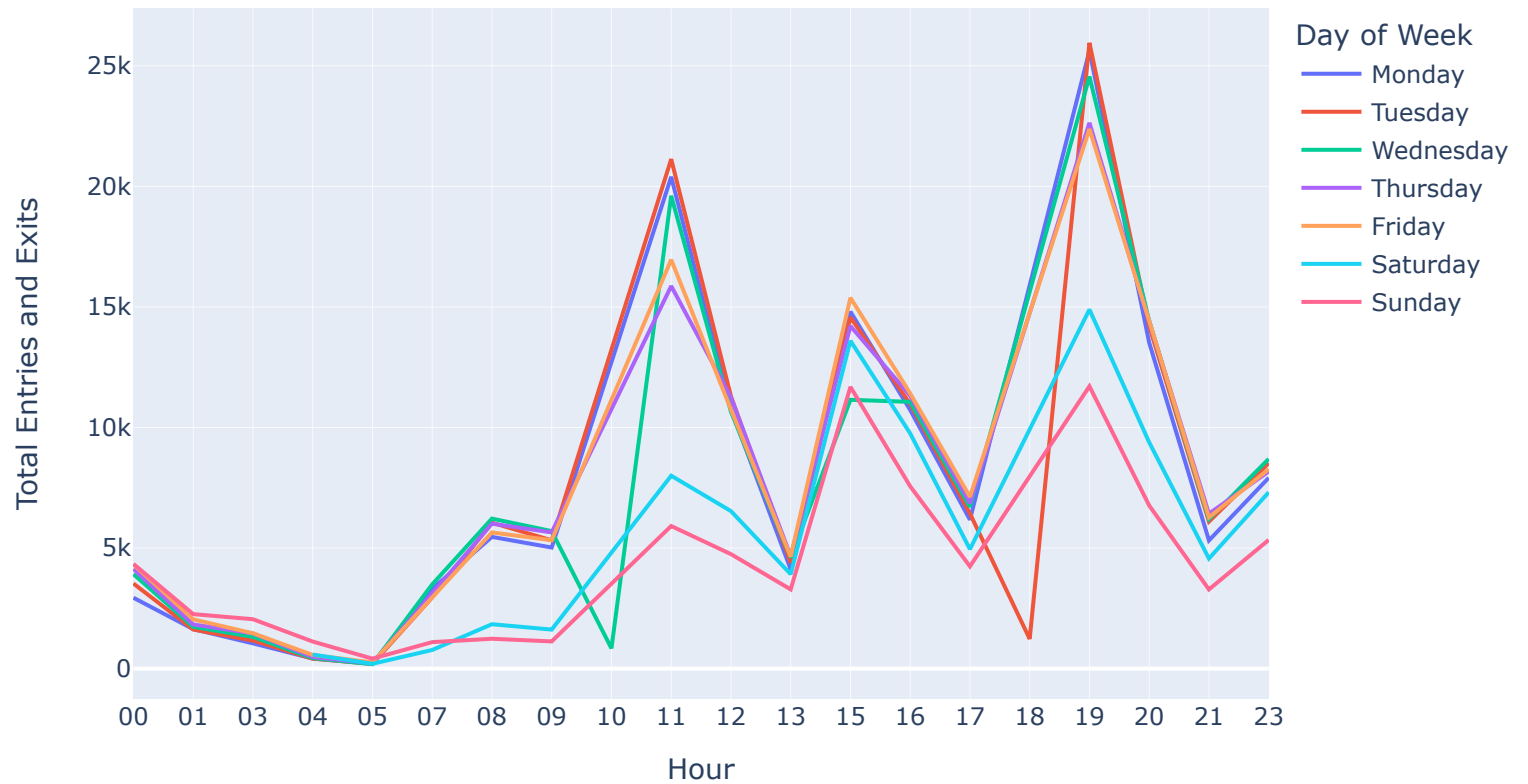
```
In [43]: station_plot("14 ST-UNION SQ", "14th Street and Union Square")
```

Total Traffic at 14th Street and Union Square By Day and Time



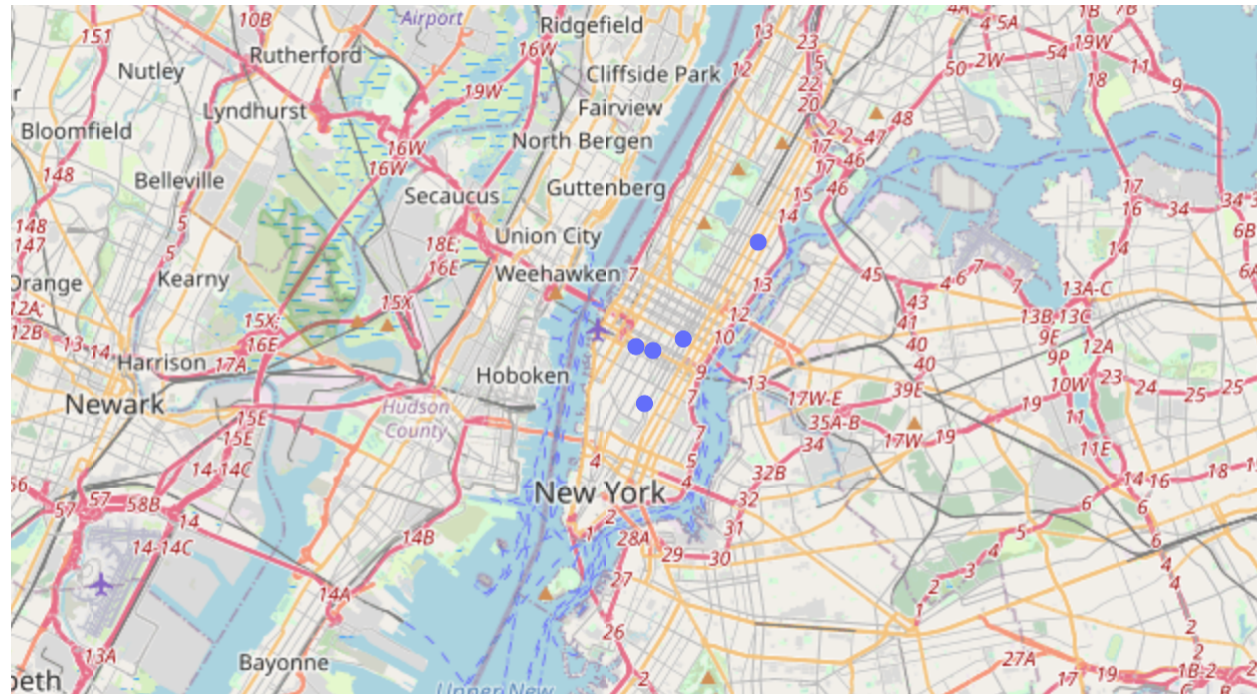
```
In [46]: station_plot("86 ST", "86th Street")
```

Total Traffic at 86th Street By Day and Time



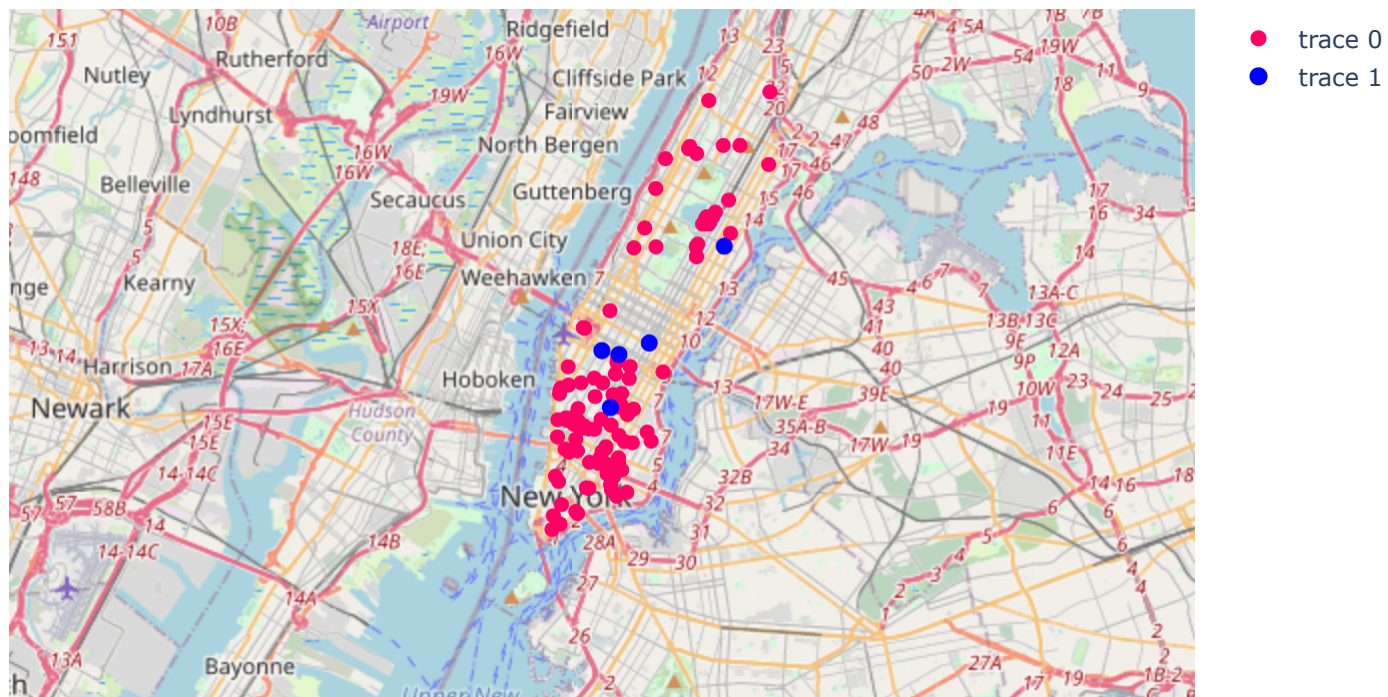
Map of 5 Most Populated Stations


```
In [48]: fig2.show()
```



Map of Pedestrian-Only Streets And Five Most Populated Stations

```
In [59]: fig.show()
```



Client Recommendations

34th and Penn is the most populated overall, and it peaks in weekday afternoons-evenings.

34th and Herald is the most populated on weekends. It is also the closest to two pedestrian-only streets.

At 9:00 AM on weekdays, 14th and Union is the most populated.