Average # of Passengers Boarding MBTA Stops by Time of Day

Average # of Passengers Boarding and Exiting

Average # of Passengers Boarding MBTA Stops by Time of Day

I chose to make the scatter plot because I thought it might be interesting to see if there's any discrepancy between the number of passengers boarding and exiting MBTA trains. If those numbers were equal, the scatter plot would show a perfect line with x=y. There was some discrepancy, though, which indicates that some MBTA rides are more packed with passengers than others.

I chose to make the line plot because I wanted to see how busy each MBTA line was throughout the day. It looks like the Green Line was the least busy for all times of day. Additionally, it looks like the off peak was the busiest time of day, which is interesting as I was expecting either morning or evening rush hour to be the busiest.

I added a pop out effect to the scatter plot. The points representing Ruggle and NU are larger than the other points. Ruggles is orange because it's on the orange line, and NU is green because it's on the green line.