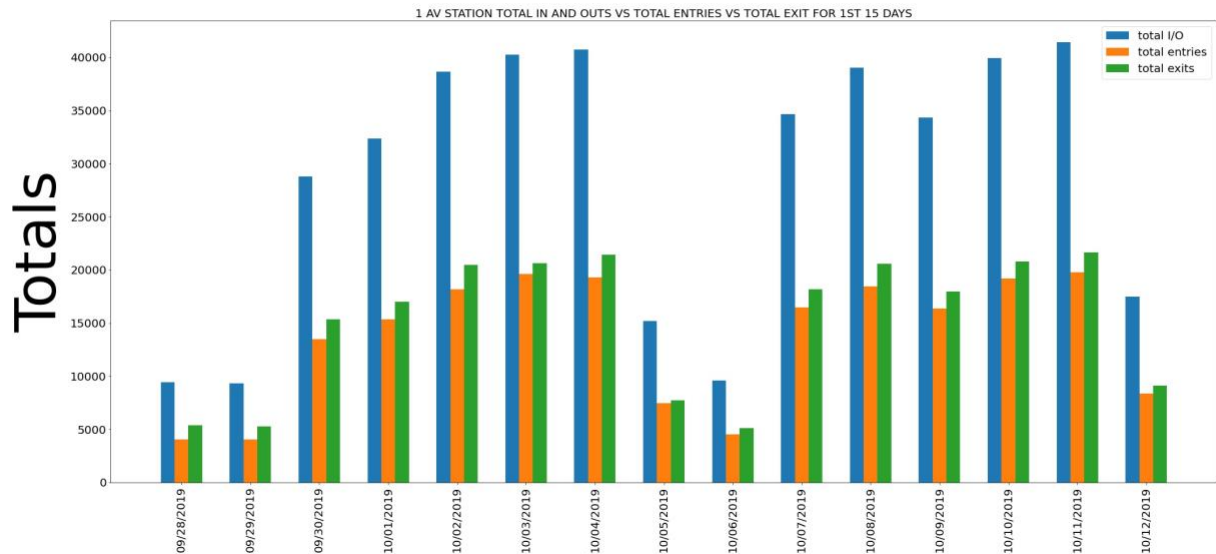# EDA OF MTA DATA TO FOR UNDERGROUND TUNNEL CONSTRUCTION

I used sql and pandas to clean the data to see the number of passengers going in and out of the MTA stations on a daily basis, and hourly basis (every 4 hours). This is to show how big a particular station should be and times to prioritize staffing and security based on time of the day with higher/lower volume of passengers.

In this graph contains the visualization of the 1st 15 days of my investigation perion of 1 station (1 AV). The bar chart in blue represents the total volume of passengers going through the station. The bar chart in orange represents the total passengers of entering the station, and the bar chart in green represents the total volume of passengers exiting the station