

10/19/2021

## EPPS6356 DATA VISUALIZATION

### 1. TOPIC

This data visualization project I am going to work on the NYC Subway ridership during the Covid-19 pandemic.

### 2. RESEARCH STATEMENT

The main part of this project is going to be showing how the NYC Subway ridership effected by pandemic in the graphs and the possible relationship with the daily or weekly covid-19 cases.

### 3. DATA

The data will be collected on the New York City's MTA and Bay Area's BART website. The website link is <https://new.mta.info> and <https://www.bart.gov>. There are daily and weekly data. I have successfully got the daily data for Bay Area's BART, but I still have some trouble getting the MTA data. They are time series data.

### 4. VISUALIZATION DESIGN

I want to use different platform to create the graph to visually show the relationship between the Subway ridership and pandemic, such as, R studio, Python, and excel. See the different between using different platform output. I will be in different graph with different subtopic.

### 5. BIBLIOGRAPHY

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