Project Scope Update:

Instead of PyTrends, I am using SerpApi to go through Google Search trends. Nothing has changed, I will be using the Results from Google Trends to measure interest in airplane accidents, and compare them to fatalities for each month, to see how much of an impact airplane accidents caused. After obtaining the trends, I will compare them to enplanements to see if interest affected flight bookings. I also wanted domestic vs. international data to see if fatalities affected international flight bookings, since flights are longer and can carry more risk over long distances.

Data Sources:

Aviation Safety Network: accident date, operator, fatalities, and international vs. domestic (United States)

SerpAPI: Queries (airplane crash, airplane accident), Date and Year, Trending Score (0-100, demonstrating relevance)

BTS Airplane Enplanement: Month and Year, Number of people on each airplane, Domestic and International Flights

Issues:

While attempting to use the PyTrends API, I encountered an error which stated that there were no available proxies. I pivoted and used SerpApi, which has a similar function.

For the Airplane Enplanement data (how many passengers are expected to be travelling), the site is currently down. I've temporarily pulled in a substitute CSV file in place of it that is similar to the format of the CSV file, but I am waiting and researching for more CSV files that I can use in place of it in case the government site does not relaunch. In addition to this, I was not able to access the CSV file directly from Google Drive, so I had to download the csv file instead and then convert it into a data frame.

I also had issues pushing to Github, but have since solved them by generating a token.