**Predicting media partisanship in relation to the 2020 U.S Presidential Election**

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'PM6_MarisaPapagelis_NatalieReid' contains all of the data files collected/ generated and all of the notebooks created for this research project.

***In order to replicate our process on a personal computer, the file path for all JSON files may need to be altered. For easiest access, move the 'PM6_MarisaPapagelis_NatalieReid' folder, containing all of our work, to your desktop, and the given file paths should work.***

Below is a legend to help with navigation through the folder:

- Python Notebooks - this subfolder contains the two notebooks we created, one to collect our data and one to explore/analyze our data.
  - Final_Collecting_Data_CS315_Project_MarisaPapagelis_NatalieReid.ipynb - in this notebook we collect our data by scraping the likes, comments, and text of Facebook news pages and saving them to JSON files for later use.
  - Final_Exploring_Data_CS315_Project_MarisaPapagelis_NatalieReid.ipynb - in this notebook we perform the load of our project with a thorough thought process, test explorations, final explorations, analysis, and supervised classification models. (Some of this analysis ended up in our paper and some of it was exploratory and did not make it.
- HTML pages - this folder contains 9 HTML files, each corresponding to one of the news sources explored in the project. The HTML files were used during data collection to save news page content to be parsed through later.
- JSON files - this folder contains 9 JSON files, each corresponding to one of the news sources explored in the project. The JSON files were created during data collection to store data frames of scraped data, and they were used in data exploration to import the data for exploration and analysis.