There are a lot of great projects that you can do that will fulfill the requirements for this class! I would love for you to express some creativity and create a project that aligns with your interests, hobbies, or career aspirations.

The project must meet the following requirements:

* Your data must consist of at least 3 columns that you can run analysis on i.e. mean, std dev.
* Your data must be collected from a web JSON API.  You cannot download csv files like in the homeworks.  Your program must get the data, process it, and save it to the csv files.
* Your program must be able to go get new data.  Meaning, when I grade your project I will run your program and it should go get new data from the web JSON API and save it to your csv files.
* You program should run analysis and store the results in a results.json file.
* You need to record a 2 - 4 minute video of your code running. Also provide an explanation of what your code does. I am not an expert in every field, so in order to give you a fair grade, I need to know what your code does.

If you are having a hard time coming up with an idea for a project of your own choice, I recommend looking into some of these ideas:

* Weather Tracking: [DocumentationLinks to an external site.](https://openweathermap.org/api" \o "Link" \t "_blank)
* Spotify: [TutorialLinks to an external site.](https://www.youtube.com/watch?v=WAmEZBEeNmg&ab_channel=AkamaiDeveloper" \o "Link" \t "_blank)
* National Park Services: [DocumentationLinks to an external site.](https://www.nps.gov/subjects/developer/api-documentation.htm" \o "Link" \t "_blank)

**Each project must meet the following 5 project requirements:**

* Obtaining data from a web JSON API (40 points)
* Storing the data in CSV files (40 points)
* The ability to add new data to your dataset.  Meaning, tomorrow you can run your program again, and it will go get the latest data, and run your analysis again. (40 points)
* Perform analysis on the data. (40 points)
* Store your results in a results.json file (40 points)
* (If you choose to do a project of your choice, you **MUST**also turn in a 2 - 4 minute video explaining and running your code)

  (Your program must also use good programming style and comments)