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**County-wise COVID19 Tracker**

After some analysis, I came up with the idea of creating a COVID19 Tracker by county. I used the Pandas library to extract open-source data and work with it to determine the pattern in the number of cases and deaths in Middlesex County, New Jersey. I would like to keep working on it and expand the project to include all of New Jersey's counties, with data presented in a variety of representative maps.

Working with a Kaggle dataset straight out of the box. The objective would be to finish the data processing period. As a result, the project will contain the following:

1. **Finding the dataset**: researching and finding the dataset appropriate for the use here
2. **Data wrangling:** Cleaning the data I have found and removing redundant and irrelevant fields, such as fields that don't represent the correct data, such as outliers or null records that waste space. In numerical fields, non-numerical entries can also lead to incorrect results.
3. **Data segregation:** Now that we have a clean dataset, we must isolate the information we need. Filtering the data to only include entries with the state of New Jersey and deleting all other data entries from the dataset is an example.
4. **Data study:** Examining the data, its composition, and what each column is attempting to reflect, as well as how we can use each column to enhance our analysis. For example, during Project 2, the dataset lacked a column for new cases and deaths every day, so I had to measure it and add it to the dataset before it could be used.
5. **Data analysis:** Now that we have a dataset that we can use to display COVID19 data across NJ, we need to show it to someone who does not understand the language, and the best way to do that is to visualize the data using charts and graphs. For this, I plan to use a combination of the matplotlib and seaborn libraries.
6. **Explaining visualized data:** To make sense of this visualized data, we now need to describe it to others. If you want to compare Union and Hudson counties, for example, we will not be able to provide you with two maps, but I'll do my best to clarify the figures.

This is my project's goal, and I will be showcasing the data in Jupyter notebooks because I believe it's the easiest way to do so, as using a terminal can be complicated at times. During the coding process, however, this will be considered.