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Hello Prof, hope you are safe and doing good.

I wanted to start with, I actually worked with Kaggle before for my Machine Learning in Python class apparently it was for my Mathematics minor. So pretty much I had an idea how to find a Dataset on Kaggle and work with it on Jupyter Notebook.

Like I said I worked on Kaggle before so I found my Dataset for this project there, which is related to all the COVID-19 cases here in the state of New Jersey. This Dataset is from March 9th 2020 and goes on till current date. I’ll try to use the data till May 10th because it updates on daily basis. The size of this dataset is around 55MB.

In this project we will understand few things as follows;

* Trends between various counties or towns in NJ
* Which counties or towns have accelerating or decelerating trends & by how much? Where is social distancing helping?
* How relevant geographical layout is? How do counties or towns affect each other?
* How does population numbers or density numbers affect the number of positive cases & the daily rate of change?

This is pretty much everything I will be focusing on for this final project. Please let me know if you want me to add something more or if there is any changes to be made.

Thanks.