**Capstone #3 Project Ideas**

***Drought Prediction (Time-Series)***

* <https://www.kaggle.com/cdminix/us-drought-meteorological-data>
* <https://earthdata.nasa.gov/learn/pathfinders/wildfire-data-pathfinder>

This project is the most interesting, as it is extremely relevant to the droughts and wildfires around the world. The project would involve analyzing time-series weather and soil data to predict drought levels. This could potentially be combined with wildfire data to predict areas extra susceptible to wildfire.

***Yelp Reviews (Natural Language Processing)***

* <https://www.yelp.com/dataset>

This project would involve analyzing Yelp restaurant review data. One potential idea would be to try and create a model that is able to predict restaurant rating based on the comment text.

***MNIST (Image Processing)***

<https://www.analyticsvidhya.com/blog/2018/03/comprehensive-collection-deep-learning-datasets/>

This project would essentially be analyzing the famous MNIST dataset to create a model that accurately labels the images of letters.