Capstone 2 Project Ideas

1. Predicting Wildfire locations:
   1. Goal: Understanding growth trends of wildfires within the United States. Developing a predictive model based on historic trends of future wildfire concerns.
   2. Link: <https://earthdata.nasa.gov/earth-observation-data/near-real-time/firms>
2. Modeling small scale farmable crops:
   1. Goal: Develop a model for small-scale farming. Examine the total availability of this farming method vs traditional methods when compared on human consumption.
   2. Link: <http://www.fao.org/faostat/en/#data>
3. Modeling changes in oceanic surface temperature:
   1. Goal: Construct an oceanic model based on previous recordings. Use this model to predict the future development of the oceanic surface temperature and resulting changes.
   2. Link: <https://data.nodc.noaa.gov/cgi-bin/iso?id=gov.noaa.nodc:IODE-GOSUD#>