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SSC442

Group 19 Final Project Plan

Our final project entails descriptions and analysis of climate data in a data set that allows us to run a regression on the variables within. Doing research into various data sets that exist for different regions of the world and considering what information each column contains guides whether that data set can be used for what we want to represent. The use of multiple data sets will most likely occur in our project to ensure validity and be able to cover all regions around the world. We plan on creating a memo which depicts carbon emissions and climate change regarding various locations around the globe. Overall, we seek to present a current impact of carbon dioxide emissions on the atmosphere, if the efforts to reduce emissions are significant, a forecast of the temperature changes for the future, which country is emitting the most CO2 per capita, and production versus consumption based emissions in the U.S. Our memo will be formatted as follows: Introduction and relevance of the issue. This section will describe the current state of our greenhouse emissions, what the leading causes are, and why this can be relevant to a data study. Our investigation of our questions we formed will make up most of the body paragraph content and will inform what our visualizations are and allow us to show our findings as well. Models will be introduced when the content implies a visual aid and will help to describe or support any interesting findings in the data set. Lastly, a conclusion paragraph will tie everything together, summarizing our findings and additional thoughts or questions on the topic.