Final Report – Carlton Lewis

Data Source: <https://usda.library.cornell.edu/concern/publications/fx719m44h?locale=en>

Downloaded csv files that contained the production and yield per acre by state. These files were chosen because the data could be used to analyze the effect on the total production and acreage yield that weather extremes had on the annual potato crop over a period of time. The data can also be used to graph the annual production and acreage yield by state. These graphs can used in conjunction with the pricing and temperature graphs to determine if there is a correlation between the weather and these variables.

The csv files were converted into dataframes and all of the unnecessary rows were dropped. The dataframes were converted back to csv files for loading into the database. These rows were removed because either they contained no data or information that was not relevant to our data analysis.

Final Report- Mubbasheer Ahmed

Data Source: <https://data.bls.gov/timeseries/APU0000712112?amp%253bdata_tool=XGtable&output_view=data&include_graphs=true>

We were interested in the price of potatoes as experienced by consumers over a 10year period. We found both a table format in HTML and excel download file via Bureau of Labor Statistics Data website. This data was pertinent given that it was monthly and our weather patterns were based on monthly trends. We downloaded the excel file and cleaned the data in excel and saved this as a CSV file. From there we imported this into a pandas data-frame. From here—the data was graphed for the purpose evaluating the price and temperature relationship.