The final project for this course was the most useful and fun project I’ve done so far in the program. It was the most realistic project, as we had to get data from an API or scrape a website and put the data into a dataset format, and then use transformations to alter the raw data. The hardest part of the project was finding a good API that had plenty of variables in order to put it into an organized dataset. Luckily for me, the API on crypto currencies that I used from https://api.coinlore.net/api/tickers/ met the requirement and was about data that I am interested in. After finding the API I got to work putting the data into a format easy to parse so I could change the headers and create a new column for my data transformations. After that I decided to add additional topics from the course like logging and sending a complete text message if it was successful to automate it a bit. This project is a great example of what someone could request at a company as a data scientist. There will be times as a data scientist when someone can ask for results and you will need to get the data, as they will not provide it. This is where this project fits perfectly with a real world example where you would get the data, clean it, and then gather results, or maybe just provide them with a spreadsheet. Depending on the company you may need to heavily rely on APIs or you may have to scrape a webpage very often. However, other companies may have so much data already that you will not have a need to get the raw data at all. It’s very situational, much like the potential work and tasks needed as a data scientist.