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Reflection on Project Experience

The biggest challenge was trying to figure out whether my code was working or not at times. Most of the time it was obvious from the errors when my code had problems, but sometimes it would seem like my code was working when it was not. Specifically speaking, when writing to the SQL table, I had gotten no errors and everything seemed fine, but I could not see the new table in my SQL database. I think the project this time helped highlight my lack of experience in testing my code as it was taking much too long to find out problems when the errors weren’t specifically stated like indexing errors.

What was easier than I thought, or rather simpler, was the actual implementation of the ETL in my code. After some initial coding I realized that converting and saving a file was not very complicated as opposed to fetching the data, to the point where I put both functions into one. The pandas coding also was easier than I thought probably due to my experience using it in other classes but also us going over it in class recently too.

The main utility I see coming from my experience on this project would just be becoming more familiar with testing my code and breaking it down into simpler components to make life easier. Documentation is also something I know is good practice but something I often overlook, so practicing it this time with a mix of user input guided questions and comments will also be helpful.