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Portfolio Reflection
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I began to code in R starting with my STAT-231 Calendar Query Project. Here, I did data wrangling for the first time, as well as what I now consider EDA on the dataset variables. In my next Final Project Report for STAT-231, a partner and I conducted data wrangling and text analysis on Apple Music trends and topics, but there still wasn't any regression analysis involved. In my final project for STAT-230, I went much deeper into the EDA and carefully looked at each variable preliminarily, then did regression and nested F-tests. I also used model selection methods for the first time. In my most recent project for STAT-320, I once again did extensive EDA on the variables, but was able to explore much more thorough analysis methods. I was also introduced to a few analytical approaches from my group mates who had taken STAT-240. This was a wonderful learning experience. Through all of these, I've come to feel more confident in working in R and debugging in general.

Over these past reports, I've become more definitive with my statements, and also more careful and intentional with the wording that I use, especially in heavily statistical sentences. I've learned to pace my reports well, but I currently still spend too much space on extraneous information that does not contribute to the approach to the result. I now think very consciously about my audience and how that translates to how I explain concepts and conclusions. I also use a more objective voice that communicates that I'm writing from a statistical and not personal point of view.

Although I've become more comfortable working in the coding environment of R, I still have difficulties with carrying out more probability and simulation-related tasks. I definitely prefer more analytical topics than ones that would force me to code a simulation, such as regression and visuals, but the group theoretical statistical concepts that I can bring to life in R is an area that I should improve in. I also want to, more generally, delve deeper into statistical concepts by looking at applications of the theoretical material and utilizing analytical tools. I know that there is a huge number of packages out there for exploration of analysis, and I'd love to dip into that. I also look forward to producing a thorough, large-scale project from beginning to end, and I'd specifically like to work on the planning and time management aspect of completing a big project.