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ALY 6000 – Project 6 Report

I watched all the required five videos for this week and took notes to fully understand the concepts of conditional and dependent probabilities. The conditional probability used the example with car features and a Venn diagram that visually made it easier to understand when looking how the calculation is done. The example with red and blue balls for dependent probabilities allowed me to do some mathematical operations on my own to see if I calculated them correctly. The chart was really useful to figuring out which route to take and how all the dependents added up after breaking them down into all the possible scenarios. Starting from the beginning really helped me understand all the concepts and probabilities in that example.

Overall, I think the experience of using R again and being able to understand much more about the program is what I learned the most in the course. After four years it was great to work with the program and this time, it felt like I was learning how to code better with its capabilities and getting the chance to slowly grasp all the coding functions and how to execute them. I also enjoyed the variety of the projects that we worked on where it provided the chance to write code and also do data analysis and write reports on our findings. Even though I had done some coding in the past this was the first time I did any reports and conclusions on my analysis, so it was a great introduction on how to analyze and what reports should include and exclude. I will be taking ALY 6010 next quarter which, I am looking forward to and feel as though I am comfortable transitioning to the next course.