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Dr. Martin

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Cover Letter

In the case studies, tasks, and final projects I have learned how to become a data scientist. Specifically, I have learned in detail how to create and reproduce visualizations using ggplot2 in R. I learned to read in different types of data and manipulate the data using the package tidyverse. I learned which plots are best for different types of data and how to make them visually appealing. I learned how to create spatial graphs using maps and other data points. The project forced me to come up with data driven questions which I could find the answers to. The class really challenged me to find solutions to problems that seemed unmanageable at the time. I did not enjoy that certain tasks took nearly 8 hours of dedicated work to complete. I am happy that this class has taught me a skill which I can monetize in the future. I have no goals to continue learning in this area as I plan to pursue a career in healthcare. I believe with the time and effort I have put into this course, as well as the skills I have demonstrated in the tasks, case studies, and project, that I have earned an A in this course. I have completed every class task and case study including one which was assigned as extra credit. I fulfilled the request to lead 4 team meetings. I believe all but one of my tasks was on time and all my case studies were on time. My semester project was completed and presented to a high standard. I believe this is a strong case for an A as my final grade.