

# Stacy L. Wilkerson

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Dear Mr. Hathaway,

During this Fall 2017 semester, it has been a good experience taking this class, data wrangling. Where not only I learned about R, but more about the different packages and aspects of R. This class has been a great introduction into the world and life of a data scientist. Furthermore, I had gain great abilities in taking a data set and tiding up the data and then creating great visualizations. I have dedicated a lot of time and effort into this class, so I would like to recommend that I receive an A in this class.

This semester I have gained a lot of coding knowledge in R. While going through all of the readings as well as completing all of the tasks and case studies, I feel that I have shown real dedication and my skills as a beginner data scientist. In the earlier tasks when reading in the data and manipulation seemed really difficult, now is not so difficult and it is easier to go from those steps to then making really great graphics. The task that I think exemplifies this is task 9 where, using Utah Baseball data, I used functions like spread, select, unite, mutate, group by, and summarise to format the data in a useable way. The technique of tiding this data is a great and useful tool that I hope to continue learning to do. After data manipulation we have to view the data and then that is where making the graphs comes in.

With learning to be able to create great visualizations, I have also learned what types of graphics will show the data the best way and will highlight what the data is really saying. Along with this I have also learned to be able to interpret graphics that I have made and that others have made as well. The task that I think shows that is task 18 where we look at a bad graphic compared to a well made graphic. A case study that I think shows how much I have learned is case study 7. This case study we looked at translation data and I manipulated the data and then created graphics and summary statistics to show the IBC company that did the best and will hopefully do well in the future.

Some goals that I have are to be able to us the skills that I have learned and learn new skills in an industry based job after graduation. I also hope to be able to use the analytical skills that I have learned to be able to be more knowledgable, in the work force when the situation arises, to be able to understand graphics and data that are presented and needed for the project. I have learned and gained so many skills from this class and I have dedicated so much of my time and effort into this class. That is why I believe that I deserve an A in this class. Thanks for your time.

Sincerely,

Stacy Wilkerson