

TRENT BRINK

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Date

Erin Martin
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Dear Erin Martin:

As a part of my lessons in DTS 350, I finally got to a point where I felt comfortable listing R Studio on my resume without worrying that I won't know what to do or say if asked by an employer. Albeit not being until the end of the course, I was able to create visualizations without necessarily needing to look at prior code. For example, I found it to be highly interesting during the time of Tasks 17/19, by using stock performance data and later the wonders of `geom_sf`. In addition to that, I found it vital that I learned how to tidy a dataset. It was my honest assumption whenever I started the course that whenever you need to read in data that once it was in, all you had to do was add a chart. Discovering the nuance of class conversions, renaming, filtering, or removing was truly subjective to each dataset, so when it came to my project that was one of the more rewarding parts. Finally, interacting with time and making graphs interactive respectively. Dates operate differently in R than they do in SQL or Python, especially when partnered with that stock data to get data from a specific period in history. The 'coolest' part of the class was `leaflet` and `gganimate`, being that you can create some truly impressive visualizations that match ones that we have seen in our textbooks in terms of how they allow the user to interact with them and interpret.

GRADE REQUEST: A/A-. While I may have only completed 80% of the tasks, I think there is critical external context that should be considered. For example, I completed every single case study, in addition to leading the maximum number of times. Additionally, I believe the quality of my presentation was strong enough to make up for that gap in tasks completed. I think that there might've been 1 or 2 more tasks that I could've done, but Dr. Martin you know

the difficulty of my semester this year. I am not trying to make any excuse, but juggling R, SQL, MATLAB, an internship, and calculus is not at all easy to do, and considering that I'm succeeding by a decent margin in all of those classes should be recognized to some extent. I worked probably between 20-30 hours on homework a week, I firmly believed that I have earned at least an A- in this course, DTS 350.

Sincerely,

Trent Brink