Final Grade Reflection

Fiona Norton

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Accomplishment of Learning Targets

Based on my understanding of the material, my contribution to the classroom and my team, and my overall effort throughout the course, I believe I deserve an A in this class. Over these ten weeks I have strengthened my knowledge of R and R Studio with each preview activity, practice activity, lab assignment, and challenge problem and I have shown proficiency in the majority of the learning targets.

WD-1 can be seen in the "setup" of Lab 3 and Lab 8. WD-2, WD-3, and WD-4 are demonstrated in Lab 3 questions 7, 10, 6 (respectively). My proficiency in WD-5 and WD-6 can be seen in Lab 4 question 2. WD-7 can be seen in Lab 4 question 7 and Lab 9 question 1.

DVS-1, DVS-2, and DVS-3 are shown in Lab 2 question 12, Lab 4 questions 5 and 6, and Lab 7 question 2. DVS-4, DVS-5, and DVS-6 can be seen in Challenge 3 question 3 and Lab 9 question 1. DVS-7 is shown in Challenge 9 questions 10 and 11.

One example of how I have shown R-1 is in the first code chunk ("The Data") of Lab 7. R-2 can be seen in Lab 7 questions 2 and 7. I show R-3 in Lab 4 question 3 and Lab 7 question 7.

PE-1 is shown in Lab 4 question 3 and Lab 8 question 1. PE-2 and PE-3 can be seen in Lab 8 question 4. PE-4 is shown in Lab 5 question 8.

DSM-1 can be seen in Practice Avticity 9.2. DSM-2 is shown in Lab 9 questions 4 and 5.

Evidence of Continued Learning

Extending My Thinking

I have extended my thinking in this course through the completion of challenge problems as evidenced by the challenges I have chosen to include in my portfolio (Challenge 3, 7, 8 and 9).

Here, I dive deeper into specific aspects of the corresponding labs to further my understanding of the material. For example, in Challenge 9, I used the kable function from the kableExtra package to create nicer looking html tables in questions 1, 2, 10 and 11.

Revising My Thinking

Throughout this course when given the opportunity to make revisions to my code, I have almost always taken advantage of that and attempted to improve my code and my understanding of R. This can be seen in the Revision Reflections document located in the revisions folder under Continued learning in my portfolio. Making revisions and reflecting on what I have learned from my revisions has changed the way I code. This is best shown by the feedback and revision reflections from Lab 7. I was told to condider how I could reduce the redundancy in my function and since then I have worked hard to make sure that when writing functions, they are as efficient as possible.

Growth as a Team Member

Collaborative Group Work ** old**

My growth as a team member throughout this course has mainly come as a result of our in class collaborative group work. Our group has created an environment where everyone feels safe to ask questions and speak their minds. Our completion of the practice activities is a reflection of how well we are working together. Although we do not explicitly assign roles each week, there is a natural rotation of the roles depending on who is feeling strongest in the topic for that week. That person emerges as the leader/captain for the week and the rest of us are happy to fall into other roles. It can be difficult for me to ask questions when I feel behind because I do not want to hold back the group but I have come to realize that explaining things to other people is helpful for everyone's learning so it is always good to ask questions.

Peer Code Review

I have completed each assigned peer code review carefully and with thought. I provide specific feedback about code and try to tell my peers exactly where I think they could make improvements. A good example of my peer code review is from Week 4 which can be seen in my Peer Code document

Attention to Personal Goals ** old

At the beginning of this course I set the goal of improving my data visualization skills. Over the past six weeks, I have learned how to add colors and labels to a graph, how to create many different kinds of graphs with ggplot, how to customize a legend or exclude it all together, and how to graph only certain specific aspects of the data by combining the use of ggplot with dplyer functions.