

Final Grade Reflection

Fiona Norton

Week 6 Grade Reflection

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 Activity 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)

where I dive deeper into a specific aspect of the corresponding lab to further my understanding of the topic. In

Revising My Thinking

I am constantly revising my thinking by going back to old assignments and making improvements and working through preview activities multiple times to try to gain a better understanding of topics before coming to class. Each week I submit revisions to my labs and challenges based on the feedback provided by Dr. Theobald and my peers as well as the new knowledge I have gained in the time since the original submission. With these revisions, I write reflections about what I have learned from the changes and how I will use that knowledge moving forward. Good examples of how I have revised and extended my thinking include my Lab 3 and Lab 4 revision reflections.

Growth as a Team Member

Collaborative Group Work

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 understand the importance of being kind to my peers but also realize that feedback is helpful so I try to give in depth reviews with words of encouragement. This can be seen in my peer reviews throughout the quarter.

Attention to Personal Goals

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.