

Midterm Grade Calculation

Stephen Wessel

Earned Grade: I believe that I deserve a B- for the first half of the quarter in this class.

Evidence:

Below are examples from code that I have written for different assignments that I believe satisfy many of the learning targets for this course.

- Working with Data
 - WD-1
 - Data Import Practice Problems 1, 3, 4
 - Practice Activity 4 Read Excel File & Number 3
 - WD-2
 - Practice Activity 3 Data Cleaning Step 1
 - Lab 3 Question 4
 - Lab 3 Familiar Words part C
 - Challenge 3
 - WD-3
 - Lab 3 Question 4
 - Lab 3 Familiar Words part C
 - WD-4
 - Practice Activity 4 Question 2
 - Lab 4 Question 5 Part 1
 - Lab 4 Question 7
 - WD-5
 - Lab 4 Question 7
 - Challenge 4
 - WD-6
 - Lab 4 Data Cleaning
- Reproducibility
 - R-1:
 - Challenge 2
 - Lab 5 Question 1
 - R-2:
 - Challenge 2
 - Lab 5 Question 1
 - R-3:
 - Practice Activity 4 Question 2
 - Lab 5 Question 1
- Data Visualization & Summarization:
 - DVS-1
 - Lab 2 Question 7 & 11
 - Challenge 2
 - Lab 5 Question 3
 - DVS-2
 - Challenge 2
 - Lab 5 Question 3
 - DVS-3
 - Lab 2 Question 7 & 11
 - Challenge 2
 - DVS-4
 - Lab 4 Question 7
 - DVS -5:
 - Challenge 2
 - Lab 4 Question 7
- Program Efficiency:
 - PE-1 & PE-4
 - Lab 5 Question 3
 - PE-3
 - Practice Activity 4 Question 2

Learning Targets: The reason I believe that I deserve a B- for this course is because I have achieved all of the current learning objectives at various levels. For the learning targets, I have demonstrated proficiency for the *Working with Data* and *Data Visualization & Summarization* objectives. Whereas for the *Program Efficiency* and *Reproducibility* objectives I have demonstrated a lower level of understanding. My examples provided are some of my attempts at utilizing *PE* & *R* learning objectives in my code but I need to improve my consistency in achieving those objectives before I would consider myself proficient in those categories.

Program Efficiency and *Reproducibility* are two categories of coding that I have always struggled with. I especially want to become proficient in the R-1 learning objective which focuses on creating professional coding documents. I have fallen short with achieving this goal in the class, however I do see myself being able to put more time towards this class for the second half of the quarter and I hope by the end of the quarter I have refined this skill.

Revising Thinking: I have not done any revisions of my code yet because for the past couple of weeks I have been wrapping up an internship. It has taken the majority of my time, and I wanted to finish on good terms with the company. I plan on sending in as many revisions as possible from now on. For my labs and challenges, there are multiple areas in which I can see revisions taking place and I have already started with some of these revisions.

Extended Thinking: I try to challenge myself with the Challenge Problems we are assigned with each week. For example, on Challenge 2 I chose to implement both the annotation labeling on the graphs and refining the color scheme on the graph. However with Challenges 3 & 4 it felt like I engaged myself less and did not go above and beyond with these assignments.

Collaborative Group Member: I believe that I am a good group member for three reasons. First, I will ask my group members questions when I am lost or confused during class. Second, I try the best I can to answer questions any of my group members have about practice activities, labs, and challenge problems. Third, I will seek help from the teacher whenever my group is stuck on part of an assignment, and then communicate to my group what advice the professor or the TA has for the problem.

Peer-Code Review: I provide thoughtful feedback to my peers when I am tasked with looking over their code. However I have only done a single review because I do not always see the assignments on canvas because they are not listed under the assignments page. I am aware that this is my fault and I should have come up to the professor earlier in the quarter. I try to structure my peer reviews by including a compliment at the beginning and end of the review. For example in my peer review 1 contains this compliment sandwich structure. I cannot find my peer review for lab 1. One way I think I can improve is through adding more specifications as to where in the assignment I am referring to for my comments.

My frequent participation during class demonstrates my engagement and dedication to this class. On average, I feel I involve myself at least once or twice a week with the class discussion/lecture by answering questions you pose to the class. I cannot provide any specific evidence for this other than my word. I care about doing well in this class because it gives me an opportunity to improve my data analysis & data science skills.