



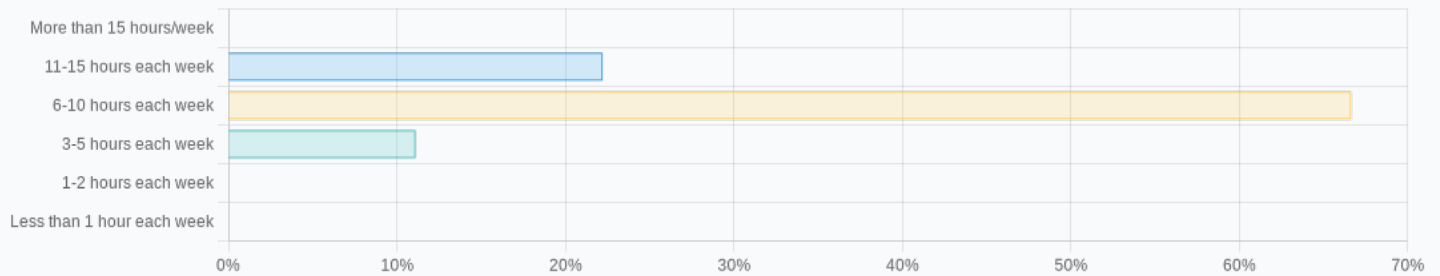
Course Reflection Survey

The UNIVERSITY of OKLAHOMA

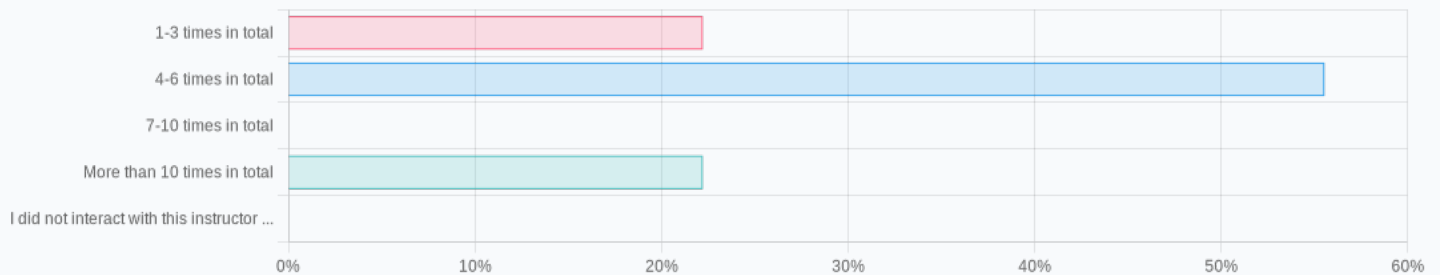
Term: Spring 2024
Course: ECON 5253-001: Data Science for Economists
Instructor: Tyler Ransom
Instructional Method: In person full contact time
Total Responses: 9 out of 18

Section 1 - Student Engagement

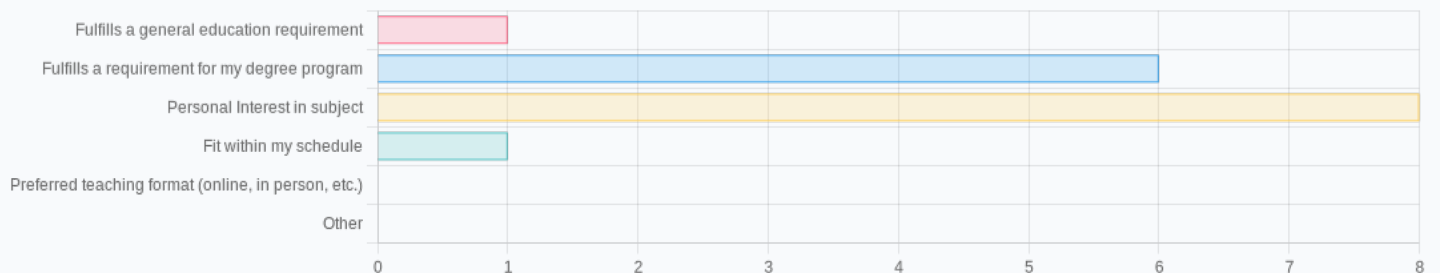
1. How many hours per week did you spend engaged with this class (attending class, participating on discussion boards, reading, studying, projects, etc.)?



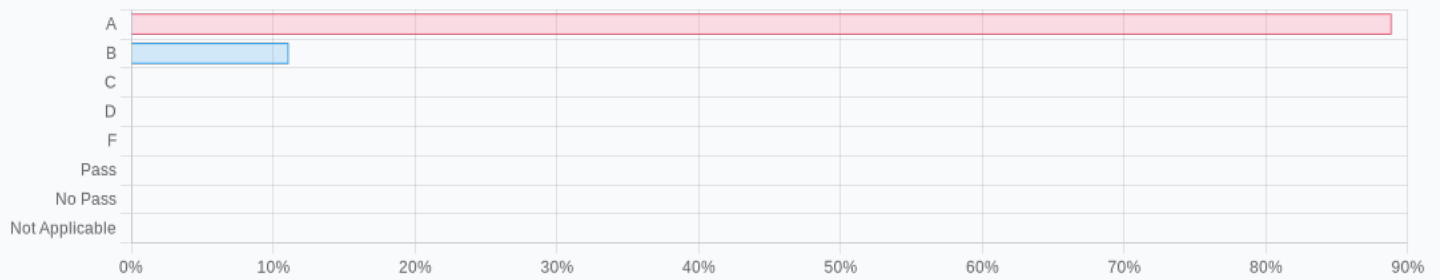
2. Approximately how many times did you interact with *Tyler Ransom* outside of class (e.g. by email, office hours, online video meeting, etc.)?



3. Why did you enroll in this course? (choose all that apply)



4. What grade do you expect to earn in this course?

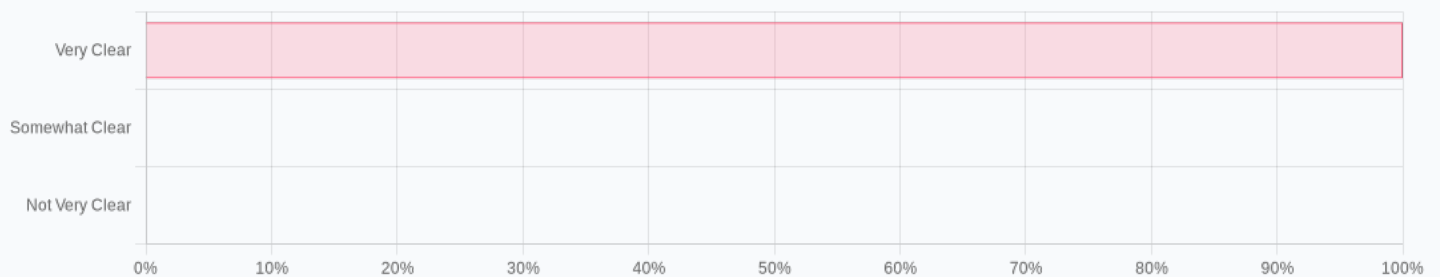


5. If you have additional comments about your participation in this course or suggestions about how to make the course more engaging, please share them here:

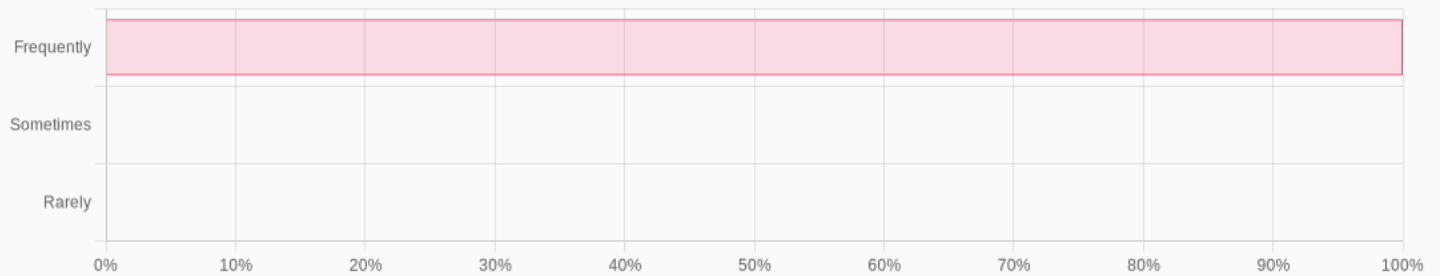
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Section 2 - Course Organization

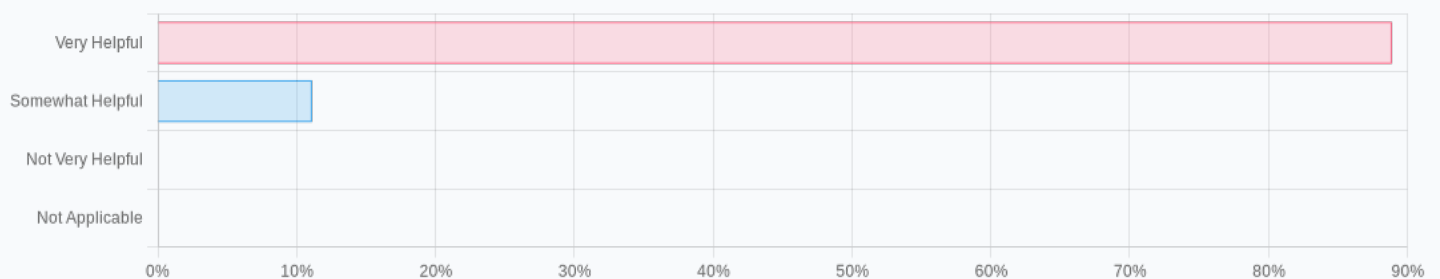
6. To what extent were the expectations and grading scheme for assignments and the overall course made clear?



7. To what extent did *Tyler Ransom* appear to be organized and prepared for student interactions?



8. To what extent was the course website/Canvas helpful?

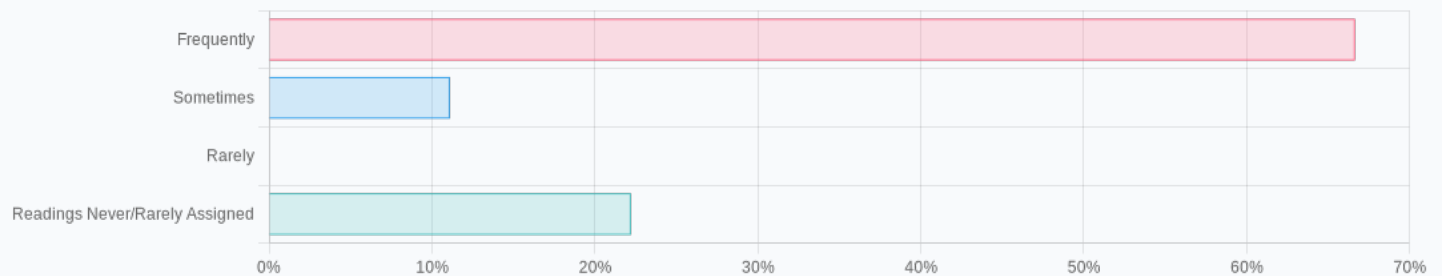


9. If you have additional comments or suggestions about how the course or the course website/Canvas was organized, please share them here:

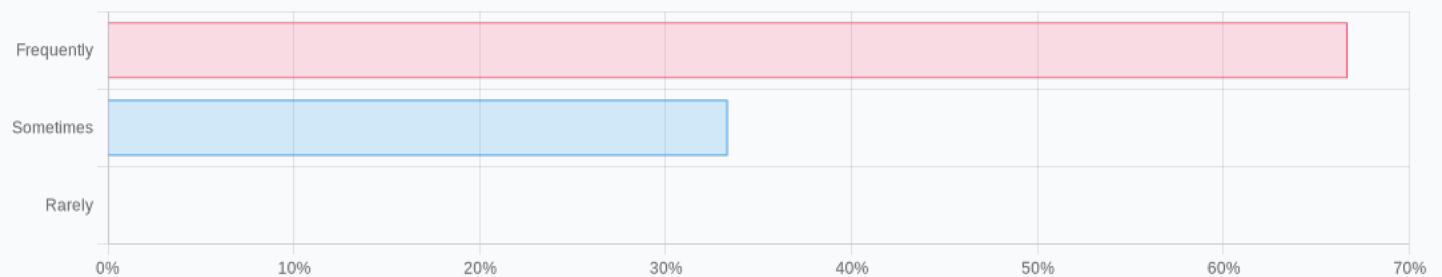
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Section 3 – Student Learning Experience

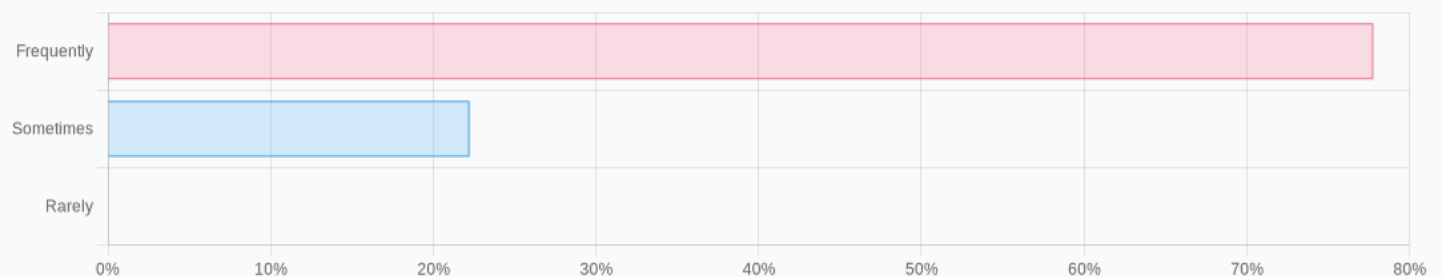
10. To what extent were the reading assignments and/or online instructional materials beneficial to your learning?



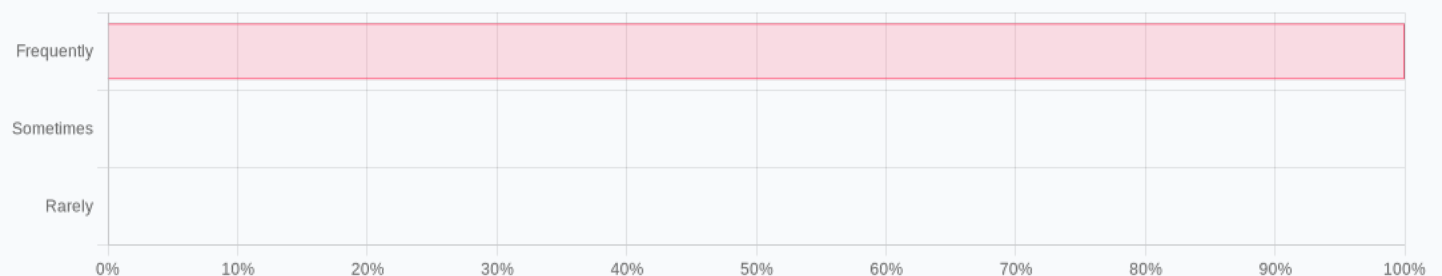
11. To what extent did *Tyler Ransom* explain or demonstrate the larger purpose or value of the material covered in this course?



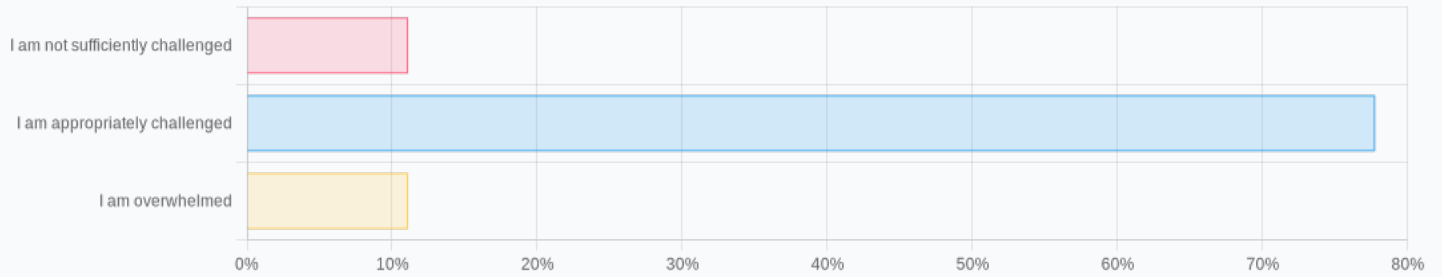
12. To what extent did *Tyler Ransom* use a variety of examples or approaches to illustrate concepts?



13. How often did the assignments, projects, discussions, rehearsals, performances, and/or exams seem connected to the course content and goals?



14. In general, the following statement best describes my experience of this course up to this point is:

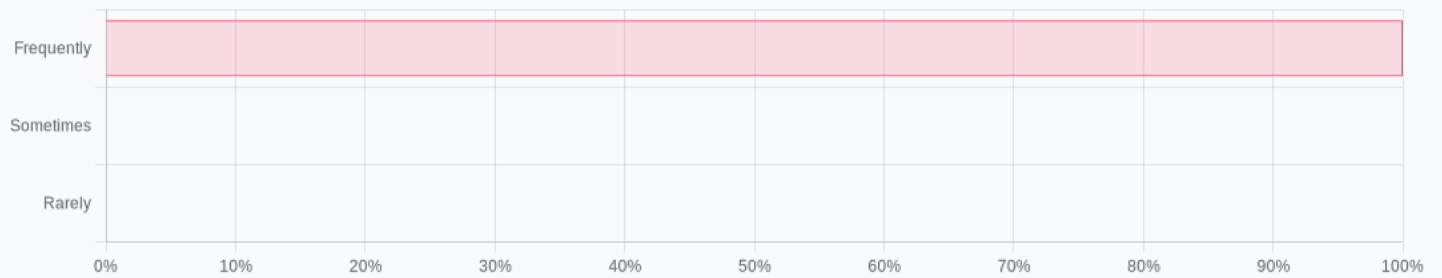


15. If you have additional comments or suggestions about the assignments, reading materials, discussions, online materials, projects, rehearsals, performances, exams, or other learning components in this course, please share them here:

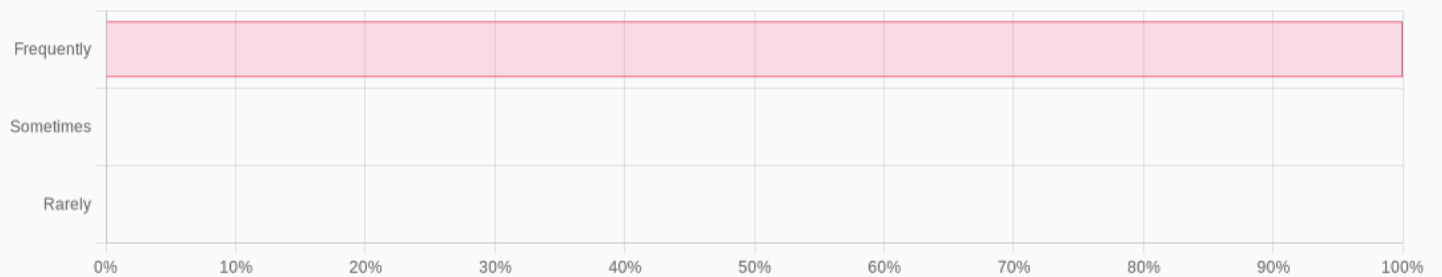
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Section 4 – Learning Environment

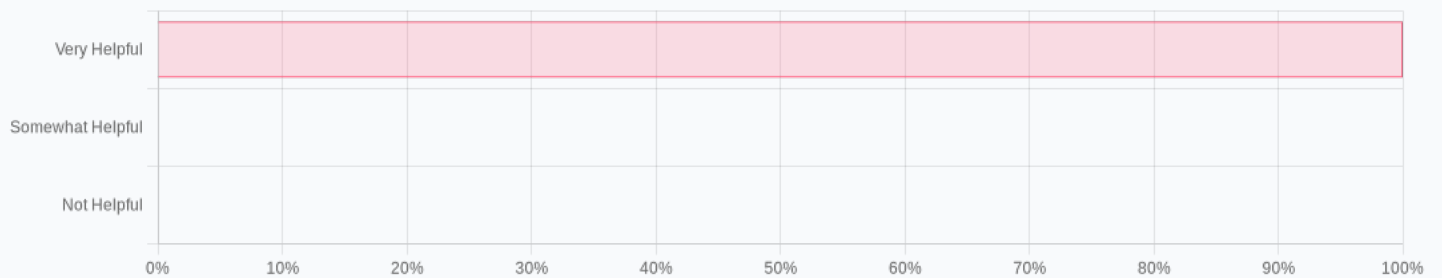
16. To what extent did you feel supported and empowered as you worked to reach the academic goals in this course?



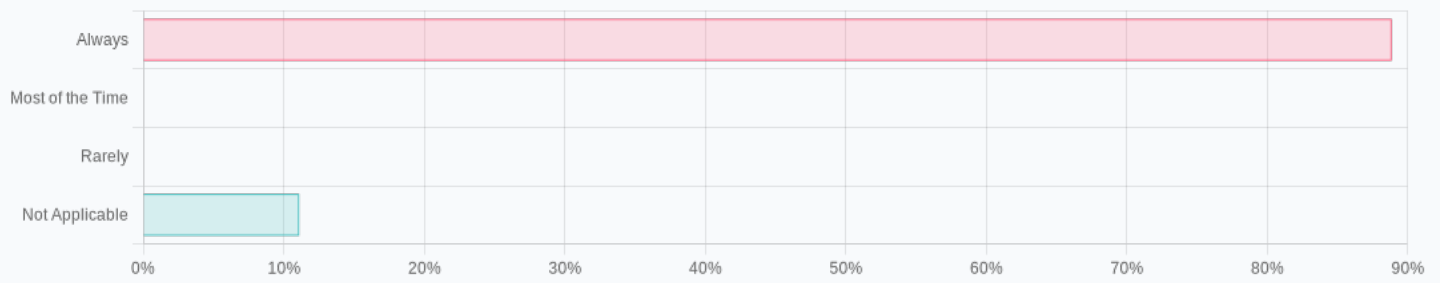
17. How often did you receive feedback on assignments within a timeframe that made it useful for future work?



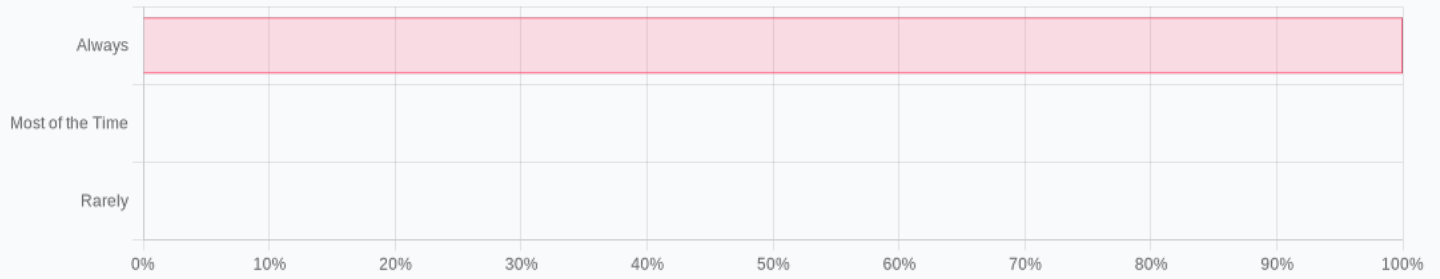
18. How helpful did you find the feedback on the work you completed in this course?



19. How often did you feel safe, heard, and included in class discussions and activities?



20. To what extent did you feel respected, both as an individual student and as a person with your social identities?

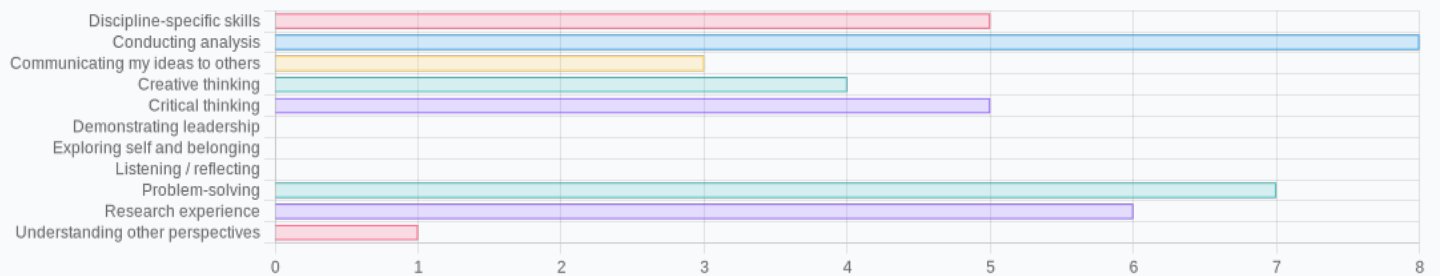


21. If you have additional comments or suggestions regarding the learning environment in this course, please share them here:

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Section 5 – Course Impact on Learning

22. Which of the following skills do you think this course helped you develop or improve: (choose all that apply)



23. Which elements of this course had the most positive impact on your engagement and/or learning?

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24. Which elements of this course could be improved to have a more positive impact on your engagement and/or learning?

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Comments

5. If you have additional comments about your participation in this course or suggestions about how to make the course more engaging, please share them here:

Dr. Ransom, had very accomodating office hours. And, he had opportunities to meet outside of those hours.

I got behind (not really your fault) and that made it hard to keep up with you during class. I'm probably identifying myself but specifically OSCER was a nightmare to coordinate and setup. Unfortunately (again, not your fault, but if you can consider negotiating to move it) the class coincides with OSCER help hours, which made it challenging to fix.

Dr. Ransom is very clear that the course is intended to be a low-depth wide-breadth introduction to a lot of different data science topics, and that's exactly what it is. Personally, however, I would prefer if we went more in depth on fewer topics because I am feel like I am ending the course with basic understanding of a lot but no real mastery of any of the topics.

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9. If you have additional comments or suggestions about how the course or the course website/Canvas was organized, please share them here:

Very well, structued and organized course. Dr. Ransom, taught the information in a well structured and easy to understand format.

I LOVE the idea of using GitHub. It WAS kind of a pain setting it up, but it was nice to setup. It was also cool to see what other people did to solve problems / what data they had based on their public repositories. Given the Laissez-Faire policy on ChatGPT, this might not be concerning to you, but that might be a cheating risk (or at least might merit a discussion on proper attribution to classmates, if you want to pose it as a platform for student co-learning.)

Github was a little rought to implement, especially with the OSCER server. I thought using base R and Github helped me understand the flow better than sending lines of command in OSCER. I appreciate that the assignments and due dates were still in Canvas even though we submitted through Github.

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15. If you have additional comments or suggestions about the assignments, reading materials, discussions, online materials, projects, rehearsals, performances, exams, or other learning components in this course, please share them here:

Certain weeks were much tougher (IMO the beginning). It might be boring for you / people that are familiar with some of the basic coding practices, but it might also be useful to take the front even slower and ramp up at the end.

I thought some of the lectures weren't as helpful as they could have been. The web scraping day was probably the best. The machine learning was ok, but I didn't seem to follow along. I think the scraping was beneficial because it seemed small and doable to generate the code as we went along. Whereas the machine learning it seemed like the code was so large and already in the file provided that I scrolled along without getting "hands on", making it less helpful for me to understand and picture what was going on under the hood.

I think especially earlier in the semester some of the very computer-oriented data science stuff was NOT clicking (e.g, setting up github, working in the terminal, OSCER, etc.). I never really figured out what the point of OSCER was, to be honest. As we approach the end of the semester I feel a lot more comfortable and like things will click as I review for the final, but sometimes we move so fast that I never really understand how to apply a concept to a new topic.

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21. If you have additional comments or suggestions regarding the learning environment in this course, please share them here:

The structure of the assingments and how they were organized greatly enhanced the learning experience.

The problem sets were good, but I thought Problem Set 10 was just impossibly difficult because of how long it took for the code to run. I think it would have been helpful to breakout some of the smaller, quicker machine learning models in their own Problem Set and have the last one, the longest separate. It was tough just because you had to get it right on your first or second try because each iteration would take 3 hours to run. So I just ran out of time before I needed to submit.

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23. Which elements of this course had the most positive impact on your engagement and/or learning?

A combination of Dr. Ransom's lecturing style and the assignments created an excellent learning experienc. I am walking out of this course feeling like I have whole new tool-box of skills.

The final project, while very challenging, helped me start to put together all the concepts I've been learning since I started the program. I really appreciate all the practical examples given in class during lecture from the professor but also in the slides and homework.

I struggled with the breadth of this course but I also kind of think it is useful to get a taste of a lot of things, so I appreciate that. I think learning how to work in the terminal is unbelievably helpful and I'm so glad I have comfort with that now.

Discipline-specific skills

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24. Which elements of this course could be improved to have a more positive impact on your engagement and/or learning?

Do we go over too much too quickly? The pace is very aggressive.

Mentioned above

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