CSE 450 – Case Study Performance Evaluation

Treat the seven questions in this evaluation like a professional document you would send to an executive team during a post-mortem. Write in complete sentences, using correct grammar and spelling.

For questions that require you to make an evaluation, use the following scale:

1. All requirements were met and additional work was done to demonstrate creativity and excellence by going above and beyond\*.

2. All requirements were met.

3. Some attempt was made, but was slightly deficient in approach or understanding.

4. Some attempt was made, but was significantly deficient in approach or understanding.

5. Some attempt was made, but was extremely deficient in approach or understanding.

6. No attempt was made.

\* Please note that the following are not sufficient reasons to justify a score of “above and beyond”:

I or we had to look some stuff up on the internet…

I or we had to read technical documentation…

I or we used a custom color scheme or different chart type in a required visualization…

I or we spent a lot of time figuring out how to complete a requirement…

1. What are some key ideas you learned during this case study related to machine learning and data analysis?

* Getting used to the data and becoming so familiar with that it seems like you were the one who made the dataset. I had a lot of difficulty working on some questions because I did not have a full understanding of what the data meant, especially the ones related to the social economics of the client. Once I did my research on all the features I did not understand well, I was able to answer the questions I wanted.
* There are different ways we can visually the data we work with, using various ways gives us different insights on how we can use the data in our ML approach
* Communicating with my team with questions and different ideas of the data also helped me. Teamwork is extremely important for these types of projects.

1. If you had additional time to work on this case study, what would you do to take things further?

* I feel like my approach was too simple and that I could have had better analysis of the data. I feel I lack experience, but it is okay that is why I am taking this class.

1. **Aside from having to learn a new and/or difficult concept, what do you think was the biggest obstacle your team faced during this case study?**

I would say working together. In our group we have an extremely experienced data analyst, a super smart guy, me (who don’t know much) and another guy that I haven’t talked much yet. I think we need to have a better teamwork.

We also had conflict of ideas.

1. According to the evaluation scale, how would you rate your team’s overall performance on this module? Explain why you feel the team deserves that rating.

* **I would rate our overall performance with a 1 (assuming it is the highest). We worked a lot on this project, I was able to see effort from all my teammates and at the end of it we were able to answer all the questions with certainty.**

1. For each member of your team, (including yourself), rate that team member’s performance on this module, and provide a suggestion for how they can improve moving forward (don’t forget to make a suggestion for your own improvement).

Kate :1 - What a wonder team member. I would rate Kate 1, she is well experienced with data analysis and has a great understanding of the technical details behind machine learning. She is a great teacher and is always willing to help. She also thinks in a way that helps us see and understand the data better. I would recommend her to listen a bit more to other peoples ideas and views, sometimes I felt that because of her vast experience we did not have a voice as much or felt like she knew it all and we didn’t know much (which is partially true haha).

Carlos: 1 He surprises me, like Kate he also demonstrates a great understanding of the concepts taught in this class. He handled difficult problems in this assignment and was often a point of reference for me. I would rate him 1 as well.

Porter: 1- He was our project manager. Somehow, he was the one I interacted the least, but he is a great addition to the team. He answered the questions he chose and participated in all of our meetings. I would suggest him to participate more in sharing knowledge in the group chat. We often did that and it helped a lot on our personal research.

Julio(myself): 3- slightly deficient in approach or understanding. I feel like I did what was within my reach to understand this project. I had and have a great difficulty with the reading and understanding of the concepts. It seems like what I know is similar to a puzzle that some pieces are in the right place, and some aren’t. I still do not have a good understanding of decision trees and how new data can be predicted in the model. Overall, I know what us going on, but I don’t have a full understanding of everything I do. I often forget how to do simple things and I need to google a lot( at least I know how to research my problems)

These ratings and suggestions will be anonymously shared with the corresponding teammate, so practice professional candor. You may find [this guide on “radical candor”](https://firstround.com/review/radical-candor-the-surprising-secret-to-being-a-good-boss/) to be helpful.

**Example:**

Bob: 3 – Slightly Deficient. Bob, if I could give you one piece of advice going forward, it would be to make our status meetings a priority. You have amazing contributions when you’re present and engaged, so when you miss a meeting without letting us know ahead of time, it really hurts the team.

**Notice that the evaluation addresses Bob directly, not the teacher. This isn't a tattle-tale session, it's an anonymous feedback exercise.**