CSE 450 – Case Study Performance Evaluation

Treat the six 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.

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

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

I / we had to read technical documentation…

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

I / 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?

The RNN’s take data from the last step they took and us it as an input into the next step. They usually train best when there is a ton of data to train on. Small datasets do not perform well.

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

I would want to further understand how to tune the model or use another such as GBT3. Knowing how to use a newer model could potentially be huge as there are many companies using GBT3 to deliver b2b solutions.

**3. 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 think the biggest obstacle that I faced in developing my model was getting a large enough dataset to effectively train my model. There was also a gap in the technical understanding of the code. Essentially, the lack of my python knowledge has caught up with me.

4. What insights did you gather about learning in general from this module? Could these insights apply to spiritual learning? If so, how?

I got a further understating of how RNN’s work and a little bit of the understanding in the struggles that these “AI” companies are facing in creating deployable tools.

For the following questions, use this scale:

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

4. All requirements were met.

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

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

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

0. No attempt was made.

5. 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. (5-above and beyond , 0-no attempt)

Team: 4.5 – Everyone developed their own working model to one degree or another. Each team member attend at least one of the teams multiple meeting to help develop the model.

6. 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).

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:**

Soren: 3.5 – Was at multiple team meetings. Worked on the model some outside of the meeting’s times. Worked on the executive summary

Nathan: 5 – Went as hard as always on this group project. Basically debugged everyone else’s code. Worked on multiple models with different libraries etc.

Tj: 4– Got his model working first, missed a couple of meetings, but contributed to the projected and provided all of the necessary docs that the team needed.

Austin: 4 – Worked hard on his model and the executive summary, attended all meetings, was active in slack

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