

Week 4 – Check In

Isaac Peabody
October 13, 2024

1. How was the mentor meeting? Was there a good discussion/Did you get your questions answered/requests responded to?

So far, our mentor meetings have been going well! We have consistently been meeting with team members from both the Kessler lab and Elsevier, giving us access to both the technical and medical expertise we need.

2. What has been your individual contribution to the project this week?

This week, I was responsible for adding normalization to the existing classification model, which was previously built by lab members using the ResNet18 base architecture. I then compared the performance of the model with and without normalization to see how normalization affected performance.

3. What has been the group's overall status and contributions this week?

This week, our group wrapped up our initial EDA and continued working through the models that had previously been used by the lab. We also began to modify the models a bit, based on previous discussions with David Kessler and other members of the team (see #2).

4. Any challenges or roadblocks?

No major challenges!

5. Any questions or feedback?

No, so far the project is going well!