

Week 1 - Check-in

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1 Questions

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

Answer: This was the initial kick-off meeting. The discussion was very productive, with the professor presenting the entire problem statement, and what work has been done on the problem up until this point.

2. Do you have clear next steps?

Answer: Yes, the next steps were clearly laid out. We were given instructions and access to the data we would be working on.

3. Do you and your teammates know exactly what you'll be doing this week?

Answer: Yes, every member has an idea of what to do. No specific coding tasks, just a brief overview and understanding of the dataset and the labels that were supplied. A few literature readings on the work done in the past.

4. Any challenges or roadblocks?

Answer: No blockers for this week.

5. Any questions or feedback?

Answer: Initial engagement with the faculty advisor along with Professor Kelleher went well. We got some valuable inputs and some feedback on what to try out as our next steps.

6. **6. First meetings only:**

- (a) Is the project plan over the semester clear? (Describe in the zoom check-in)

Answer: Yes, the project plan is clear for the entire semester. It would be a classification task on Ultrasound images, along with some data augmentation techniques. We also have to investigate why the previously developed model is underperforming on the more recently obtained dataset.

- (b) What's your current knowledge level on this project's theme on a scale of 1-5? (1 being completely new to the topic)

Answer: Everyone on the team is familiar with the concepts. We would rate our familiarity of the topic to be 4 out of 5. Some of the team members are familiar with biomedical imaging and other concepts), whereas the other members of the team carry a proper understanding of generic computer vision techniques and algorithms.

- (c) Have you selected a caption? How are you discussing who's learning or working on the different aspects and technologies of the project?

Answer: No, we have not finalized a caption yet. We are planning to split up work based on everyone's areas of expertise.

- (d) Have you set up the Github repository yet?

Answer: Not yet. We will be setting up the github repository soon.

- (e) Are the mentors engaged and responsive?

Answer: Yes. Our mentors are engaged and responsive.