

Meeting Notes

Model Bias: Prefers more false negatives (biased towards frogs if the model is unsure).

Overfitting: We spoke to the sponsor about the potential issue that the models could be generalizing (memorizing) the data that they have been given, so testing accuracies are not concrete metrics for performance as of right now.

Meta Data: We spoke to the sponsor about the meta data and how it did not give us enough information to identify each individual camera. Furthermore, we spoke about how the date meta data for the pictures would get altered when the data was uploaded, potential fix could be to use text detection since pictures come with time stamps.

Data: Sponsor will try to provide data as soon as possible (roughly two weeks' time)

Deployment: Would like to run the model on her own machine.

Data Processing: Pictures come pre-sorted since they need to be extracted from their individual memory card so sorting should be a functionality we can implement based on that information.

Analysis: Sponsor would like us to implement a frog vs. non-frogs count and implement the data in a graph, if it is feasible. (graph can show frog sightings per month and depict trends)

UI Feedback: The sponsor likes the UI, however, we will provide wireframes soon for more concrete feedback.

Overall: The sponsor is satisfied with our progress! In our meeting, we gave her a presentation of the models that we have all been working on, since we took a divide and conquer approach to model development, and she was pleased with the results. Moreover, we gave her a brief introduction to our plans for the UI which she gave her approval for! On the other hand, we did speak about challenges we have faced with the lack of data and the lack of identifying meta data to sort pictures and spoke about solutions for each challenge.