When I signed up for this bootcamp my main purpose was to understand big data and be able to inspect, understand and analyze dataset. During the course of this cohort, I feel that I have reach these goals and learned much more. Starting out I only had a basic skill of excel but I feel like I can now use different databases, create learning environments, and visualizations with an understanding of what I’m executing along with the ability to show others. Aside from growing my individual skills I also create teamwork skills. My role was creating the database and I really learned how went it that. All of the cleaning and joining was done in PostgreSQL and if I could do it again, I would have done it in a notebook or VScode but I learned a lot doing SQL. For the other parts of the project, I did a lot of reviewing other codes and working with the visualizations. Also leading the way for the presentation was something that I did since I have a lot of day-to-day experience giving data delivery calls.

Within my team we all possessed our own skills that created the collective. Our team leader did a great job allocating job tasks and our machine learning member was the subject matter expert in the topic we chose. Myself and Nichelle worked on creating the dataset and database which we spent a lot of free time doing. If I could change anything it would have been everyone coming to an agreement on the topic matter earlier than we did. Because of this we had very limited time to scrap the web for datasets and ultimately had to create one ourselves. Because it seemed like we were going to get behind others started to focus on our topic instead of focusing on their own which resulted in them having to scramble at the end to be presentation ready.

The tips I would leave for a new cohort would be not to try and tackle every idea that comes to mind and to pick 1-3 questions to answer and stick with it. Also, to focus on your own tasks because life, fatigue and anything else can come up quickly leaving school to become a stressor. Another tip would be to schedule time outside of class time. We met about an extra 4 hours out of the week and although it was something I did not want to do it was very valuable.

To give a brief summary of our project, it was on tick borne illnesses. We conducted a supervised model to predict from a list of symptoms reported to vets if the dog had a tick born illness or not. The machine model we used was supervised and it resulted being able to successfully predict negative and positive test.