**MA 321 SP22 Final Reflection** **Dr. Bastian**

Every time I take MA321 I learn something new. This semester I learned that we cannot predict initial biomass. I learned that it is okay to question your client’s judgment. I learned that we should encourage each other to critique each other’s work because that it how we find errors. Finally, I learned that no matter how perfect we believe the experiment was planned out we will always find something wrong. I don’t think there exists a perfect experiment. I really believed this experiment was planned out and every possible thing that could go wrong would not go wrong. I beloved this was true until I went through the data and find errors. I liked that I took MA327 last year because I could visualize and understand what the people who designed and performed this experiment went through. I thought this project was relatable and honestly an easy concept to understand. This semester I felt the most comfortable with my topic and with my client. I was able to come out of my shell and talk confidently about my statistical knowledge.

I really enjoyed working with Dr Daneshgar and his project. Dr. Daneshgar is an awesome client and because he is a great client, I really wanted to make this project work. I wanted to find the things he hypothesized would happen. In a way, we did find the things he was looking for but at the same time we did not. Working with real data is hard and it never works out perfectly. This project is a great example of that. While we had great findings a lot of what we found was inconclusive and confusing. I think that can be frustrating when we can’t say something is different with confidence because we have A, B, and C that occurred. That is real data!

MA 321 is awesome. I have taken this course 4 times and I come back because I learn something new every time. I find this class very useful for my presenting skills, for my statistical skills, and this class has help build my resume. I have had a couple people tell me I’m a good presenter and I get very surprised when people say that. I don’t give myself enough credit for the amount of improvement I’ve made since I took this class the first time. I get very happy when people say I am good presenter because I know it’s because of MA321. I honestly wouldn’t change anything about this course. I have only positive things to say, and I would take it again.