Reflection 5

After spending most of my hours researching options for data analysis and organization, I believed I had gotten a strong enough understanding of potential program avenues. I then decided to focus the next fifty hours of my internship on data analysis methods.

I found a website that held a comprehensive guide to data analysis. While I knew the importance of data analysis, as my major was cybersecurity, I never put much thought into it besides simple sorting and visualization. As most of my research came from this website, I will link a reference to it at the bottom of this paper. This guide first introduced me to the importance of data analysis, while then laying out a step by step guide to the data analysis process. I decided to focus on the data analysis methods which were directly linked to my internship. Those are text, descriptive, inferential, and predictive analysis. While not to get too into detail on each one, each analysis method extracts insights, patterns, and trends inside to data to better make hypothesis for public trends and data.

As the Brooks Crossing iLab is an educational-based facility and mainly stores data centered around this, I believe implementing these analytical approaches would be the best way to go forward. I decided to create a small report centered around my findings for my internship supervisor, which would go over the programs and analysis methods I found. I believe this would allow me to support the iLab even after I graduate and leave my internship.