

Synthesis

I was able to learn about how professional workspaces works, I learned that being a part of a team is great on self development also, because at first i thought that you have to put on a face everytime you go to a workplace in order for you to be a part of them, but here, I learned that speaking up can be beneficial not only you but to your colleagues also. I learned time management here also in which it taught me on how to manage my time well. I do this now by putting a schedule on what I could do for the time being, I now tend to focus on the now not on the tomorrow. Having a schedule is great because you can adjust other things should an emergency come, what I really liked about the first module is that it taught me on how to respect each other's time well. Especially now that we are in the new normal, certain distractions can affect others differently so you have to adapt to it. I have now set an assigned time or date to check emails so that it won't interfere with what I was doing that day. In the second module, I have to learn everything from scratch because it was not taught in my curriculum. This was the python language. I now know basic python and can read them when it is being taught in the movies that I watch to further my knowledge on the data analysis field. I plan to get a google data analytics certificate after graduating to boost my portfolio when applying for a job.

Upon learning the python language, I did the tasks that were asked on the movies and these were on selecting a data set in order to put an analysis on it. There was also machine learning in which I used the titanic data set in order to predict the number of survivors. The speaker said to use IBM SPSS Statistics program wherein you can drag and drop functionalities in order for the machine to predict and learn. I learned that, the more data you can have the more tests the machine can do, and the more tests the machine can do, the more it can predict. There

were many types of algorithms that were explained including naive bayes, k-means and so much more. I also learned the different types of learning these are, supervised, unsupervised and, semi-supervised learning. I was introduced to jupyter notebook as well, this is the main IDE that was used in the movies because it has the libraries it needs such as pandas, numpy, matplotlib, seaborn and so much more. These libraries help with data cleaning, data sorting, and data visualization, and data analysis.

I learned that by using the libraries that were discussed I can now send reports or visualize so that the business analyst can predict what will happen in the future, for example on the movies data set. I used correlation to show that higher budget means higher gross pay. These were extremely hard at first but patience can go a long way. I understand that I need to do more work in order for me to be comfortable in using python on data visualization. There are some tools that were introduced to me such as Power BI, Tableau, and Google Excel. I plan to learn some of these prior to applying for a job since these are what the companies are looking for as a data analyst.

The practicum helped me realize what I was interested in and these were data analysis. It also helped me learn how to read people or read their movements when speaking to them in the workplace.