L02 Lab ITAI 1378

For this assignment, we had to learn the basics of GitHub and Jupyter Notebook. I have never worked with anything like this before so it was definitely a beginner start for me.

I went to Github.com and created an account, Keith-Misty Richardson. I put my husbands name because I have a feeling he will be wanting to explore it to. After the account was created there wasnt much on the dashboard but a few buttons. I watched a few videos about Github to try to get a better understanding of the repositories, issues, and the pull requests. Per the instructions I created a public new repository and named it jupyter-exploration and initialized it with a Readme file. I edited the Readme file with the description of the lab and committed the changed directly tot he main branch.

Next, I went to Anaconda distribution's website and downloaded their platform that included Jupyter notebook. Upon downloading I opened the Anacoda navigator and launched the Juputer notebook. After exploring the interface layout I created a new notebook in the "jupyter-exploration" directory and named the notebook "my first notebook". In the notebook I explained the concept of the cells in a jupyter notebook. I then created and ran a simple cell and then created and ran a markdown cell. I saved my work and uploaded the notebook to the jupyter-exploration" I created in Github earlier.

When I started getting into Github and Jupyter I will be honest I was a bit overwhelmed and confused. That was why i went to watch some youtube videos because I am a show me learner and just reading the instructions are not always clear to me because it is not always a straight forward step by step. After the videos and the videos I learned all I could possibly do with these programs. I like the concept that you can have it public for other coders to pitch in or help with areas that you coud be stuck in. All of this was new to me but I did learn in the version control with GitHub that I can track changes through branching, pull requests, issue tracking and if something didnt work out I could easily reverit back to the original work. With the interactive computing with Jupyter Notebook I learned that I could do live coding to immediately see results and lets me add notes to help others understand my thought process or reasoning to a coding that I put out.