Alejandro Rebolloso

Professor Mcmanus

Artificial Intelligence – Computer Vision

9 September 2024

<center>L03 Lab: My experience with GitHub and Jupyter</center>

So as I was looking at the instructions for the lab assignment, I felt overwhelmed by the number of steps needed to complete the assignment. Regardless, if the assignment comes across as easy, looking at an extensive list of instructions is intimidating! However, I decided to dial in and approached this assignment one step at a time. The first step was to set up an account on GitHub and explore around to get familiar with it. I had never heard of GitHub before, so I did not know what to expect. Turns out GitHub is a place where to store my codes and collaborate with others (that sounds exciting!). Traversing GitHub is easy-to-follow and simple, the layout is friendly for people I consider, like myself, new to coding. After exploring GitHub for a few minutes, I moved on to the next step which was to access Jupyter. Luckily, I already had Jupyter installed by the start of this assignment due to another class I have requiring having access the week prior. The PowerPoint Presentation for Jupyter explained the interface and some common functions used such as the "markdown" and "code" lines.

After spending time on Jupyter, I am beginning to appreciate tools such as Jupyter and GitHub.to me, it is a place of self-improvement and safe area to hone and improve your analysis, codes, and other things related to Data Science. The interactive environment makes it easy to experiment with code, visualize data, and journal my thoughts conveniently! I found it incredibly

useful for the potentiality of collaborating with other people like me! The most challenging part of the assignment was accessing Jupyter, it was the most stressful thing I had ever done! It was my first time using the terminal in Linux, and to access Anaconda 3, I would have to punch in codes I was unfamiliar with that must accurately correct to install it properly. The number of hours I spent on modules, PowerPoints, YouTube videos, to help me get to download the pack for Anaconda 3 is astronomical! To overcome this challenge, I had to be graceful and give myself the time and patience needed to follow the directions and install Anaconda 3. After those grueling hours, I managed to successfully access Anaconda 3 which had Jupyter Notebooks. During the process, I did not process and understood the layout of Jupyter very well. The PowerPoint presentation in the module helped tremendously in this aspect!

Link to my Github: https://github.com/arebolloso/jupyter-exploration

References

Author, A. A. (n.d.). *GitHub basic tutorial* [PowerPoint slides]. Eagle Online.

      https://eagleonline.hccs.edu/courses/266737/files/64009253?module_item_id=17334274

Author, A. A. (n.d.). *Jupyter tutorial* [PowerPoint slides]. Eagle Online.

      https://eagleonline.hccs.edu/courses/266737/files/64009252?module_item_id=17334275