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ITAI 1378

LAB 03

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Professor McManus

GitHub/Jupyter Lab

What did you do while working on the GitHub assignment? While working on this assignment, I first had to create a GitHub account to gain access to a new repository. After creating my account and opening a new repository, I worked on renaming it to Jupyter-Exploration. After this, I had to get it started by adding the 'ReadMe' extension to it and then I continued to explore GitHub so that I could get a better understanding of it. After reading and reviewing more information on GitHub, I found out how to make my repository public so that it can be viewed by everyone and not just myself. This is one of the most important steps because the work and labs you have previously submitted will not be graded, as they will not appear on the professor's side to access them.

What did I learn while working on the GitHub assignment? I learned that GitHub can also be used for creating codes, editing them, sharing them, managing them and even to store them. Then I also learned how to create a repository for myself to edit, manage, store, and track all my codes. Last, I learned that Jupyter and many other notebooks may be shared onto GitHub and stored all in the same repository.

What did you do while working on the Jupyter Notebook assignment? While working on the Jupyter Notebook, I first had to download and install it on my desktop at home to be able to access it for my labs. After downloading and installing it, I had to learn how to create a new Jupyter Kernel Notebook and renamed it to 'My First Notebook'. Next, I had to insert one Markdown cell as well as one Coding cell to finish completing it. Once I was able to complete the first two steps, I worked on downloading and finding the file to submit it back into my GitHub account as an 'ipynb' file.

What did you learn about while working on the Jupyter Notebook? While working on the Jupyter Notebook, I learned how to create a new Notebook to write my code and markdown cells for any future projects and assignments. In addition, I also learned that Markdown cells and Code cells are both necessary to understand because they can both be used in different ways that the other can't. Finally, I learned that I can always download my notebooks in many ways and that I can share them with myself and others on GitHub as well.

In conclusion, I was able to complete the assignment without any major problems because I had previously used both GitHub and Jupyter Notebooks in some of my previous

classes. Although, I did run into some trouble trying to add my Jupyter Notebook to my GitHub repository because that's one of the few things I hadn't done before. But, other than that, there weren't many real issues for me while completing the assignment and uploading it.

[CarlosG07/Jupyter---Exploration \(github.com\)](https://github.com/CarlosG07/Jupyter---Exploration)