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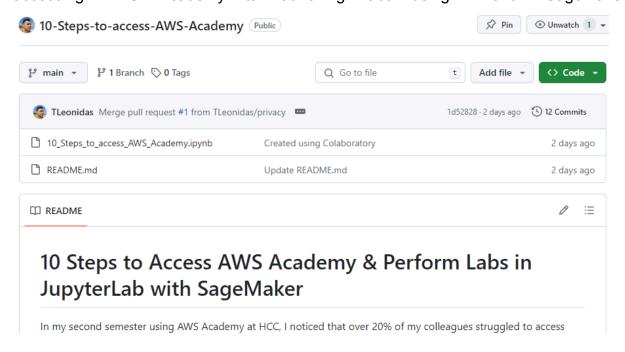
Hands-On GitHub and Jupyter Notebooks: A First-Time Experience

Introduction

This lab guides students through setting up their GitHub accounts, creating a repository, installing Anaconda, and performing basic operations within Jupyter Notebook. Since I am familiar with it, I went further and created a simple and interactive JupyterLab notebook that guides students through the entire process of accessing AWS Academy.

Personal Experience

I explained in my project's readme file that "In my second semester using AWS Academy at HCC, I noticed that over 20% of my colleagues struggled to access their accounts and launch labs for assignments. This not only caused frustration but also potentially hindered their learning progress. To address this, I created a simple and interactive JupyterLab notebook that guides students through the entire process, from accessing AWS Academy to launching labs using Amazon SageMaker."



Conclusion

The experience of working in this lab with clear instructions, visual resources, and helpful tips, saves students time, reduces frustration, and ensures the class can focus on the hands-on learning experience. It also presented a valuable opportunity for me to enhance my problem-solving skills. Such knowledge is crucial, as it lays the groundwork for version control, collaborative projects, and engaging with the broader computational community.

Works Cited

Araujo Leonidas, T. (2024, January 26). 10_Steps_to_access_AWS_Academy [Jupyter notebook]. GitHub.

https://github.com/TLeonidas/10-Steps-to-access-AWS-Academy