

In Module 2, I discovered how crucial tools are for engaging with machine learning. Before this module, I mainly viewed machine learning as a concept, but now I've experienced how the actual tools assist me in applying that knowledge practically.

One of the first things I learned was how to navigate Jupyter Notebook and Google Colab. Initially, it seemed a bit tricky, but once I got the hang of it, I realized how beneficial they are. I can write code, execute it immediately, and observe the outcomes. Being able to jot down notes and explanations in the same space made my work more structured. It highlighted that documenting my process is just as vital as coding itself.

I also got hands-on experience with Python libraries like NumPy and Pandas. I could leverage these libraries to save time and achieve better results. Another skill I acquired was writing in Markdown. I didn't realize its significance until I started using it. Markdown enhanced the professionalism and clarity of my notebooks. I learned that providing clear explanations benefits not only me but also anyone else who might review my work in the future.

Lastly, I learned how to create a GitHub repository. This was entirely new to me, and it made me feel like I was functioning more like a genuine data scientist. Being able to store my projects online and monitor changes gave me a sense of advancement and professionalism.

In summary, this module made me realize that learning machine learning involves more than just math or algorithms. It's also about knowing how to utilize the right tools. Now, I feel more assured that I can organize my work, share it, and continue learning progressively.