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How much time did you spend on the assignment?

24 hours - because I struggled mainly with the mapColor.ipyn.

Were there aspects of the assignment that were particularly challenging? Particularly confusing?

In part 1, while I was trying to generate the code for the colored map, I was struggling to match the actual colors of each state since I kept generating an output with a different color for each state. I had to edit my code multiple times and sometimes my code worked but the colors were not assigned therefore I tried increasing/decreasing the limit = 50000 – 100000 but it was still taking too long to generate.

What were the main learning take-aways from this lab – that is, did it change your understanding of what AI is? Did it introduce particular concepts or techniques that might help you as an analyst or engineer or AI specialist in the future?

Debugging and Troubleshooting: Working on the lab involved a lot of debugging and troubleshooting. This is an essential skill for any analyst or engineer, including those working with AI. Sometimes when you work on a project either at work or at school it's important to set a time to do it preferably as early as possible to avoid cramming everything and submitting bad and unfinished code. As for me, it takes me a day or two to debug codes (small projects) and maybe even a few days for bigger sized projects. Finally, I found BFS and DFS very interesting while working with the lab this week. I can see how this is very useful in diverse applications across various domains.