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How much time did you spend on the assignment?

3-4 Hours for the video and taking notes while about 5 hours to complete the lab.

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

I think this lab was pretty fun particularly because of the problems used so I really enjoyed lab4. In terms of any challenge or confusion, the last few constraints for Problem 3 were a bit tricky so I had to re-read that and fixed my code accordingly. Overall, the class lecture video was very helpful for me in completing my code.

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?

Every week I learn more and more about AI. This week's lab I think it was super cool because I got to dive into using the python-constraint library, which I'd never touched before. I learned about the usefulness of constraint satisfaction problems (CSPs) and how to solve them with Python-constraint and other packages. Now I see how important it is to have these specialized tools in your toolbox as an analyst or engineer or whatever in the AI world. It's all about staying on top of things and being able to adapt. My comprehension of how AI methods, particularly CSPs, may be used to effectively solve problems in the real world has improved as a result of our lab. It also emphasized how crucial it is to precisely formulate variables and constraints in order to properly model different problem domains. Overall, this lab gave me more AI strategies to use and equipped me with useful abilities for addressing challenging problems in the future.