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CS 499

Milestone 5

Prof Bermudez

This is the Treasure Hunt project from CS370 which I worked on the term before this one. This project was made to learn about machine learning by using a q-learning algorithm to solve a maze. For this week I added connections to a database and a way to display the stored information using html. This allows for easy storage and retrieving training data. I included this in the project because it is a good demonstration of my ability to create a database and apply it to a project in a helpful way. This project had no kind of storage before this and so, as the user, you could see the results of the most recent training session but nothing else. I was able to identify the data points that would be helpful to store, save them in the database, and then give the user long term access to them. This allows for better testing and training of the learning module. I believe I did meet the course objectives that I planned to meet in Module One. While much of this project has gone well, I continue to be plagued with version issues of the dependencies and so that greatly limits the amount of polishing I can do. I continue to push for access to the virtual lab environment where this project was created in order to solve the issue but still have not been given access. Without access to that space, I have run out of ideas of how to resolve the issue. I hope to continue to press in and get access so that I can resolve these issues for the final submission.