

Task 5 Deliverable

A problem that occurred when setting up the tensorboard is that after the nautilus servers went down the website still didn't work for one of the group members and they didn't know if it was still a server side issue or a client side issue as doing `kubectl get pods` on kubernetes showed the server as running without issues. Attempting to use access nautilus on different browsers yielded the same results. What eventually fixed this issue in the end was deleting the desktop deployment and restarting it. Another issue popped up when running the baseline RL algorithm. Our group initially had trouble implementing a stable baseline, as running the RL algorithm would give weird errors due to environment issues. To fix this issue, we had to create a new Python environment from the current one we were using. This time, we double-checked to make sure that the environment requirements matched the description of what environment stable baseline needed to be run on. However, this didn't completely fix the issue as we needed to reinstall certain packages like matplotlib, and numpy. After doing that, we were able to run the code with no missing module errors. However, we needed to make one last change as the simulator that the virtual car was supposed to run on was incorrect. Hence, we changed the version from CartPole-v1 to CarRacing-v2, which simulated a virtual environment depicting a town. In order to add moving cars to the environment, we added a separate parameters that stores the contents of the cars and iterated through the details of each outputted moving car.