

Feedback from Group 20 on HW3 for Group 24

Hey Group 24,

We read through your code for HW3 and would like to share our feedback with you. First of all, we liked that you made the effort to get some form of visualization working in Google Colab. The code is well commented and runs without any issues.

We do however have some suggestions on how you could improve it even further:

- You could look into the python container datatype “deque”, we think that it could make your implementation of the ExperienceReplayBuffer easier and more efficient
- The training method is a bit confusing to read through. This is partly caused by your use of many for loops, part of which (the N and K) for loop could be left out since they are set to 1 either way
- We could not quite understand what the intention of the code in the last code cell from line 101-103 was. Additional comments might help to explain
- Implementing a sample_minibatch method or something like that within the replay buffer would also be helpful for clarity
- The converged check is obsolete, since you are doing 1000 episodes anyway