

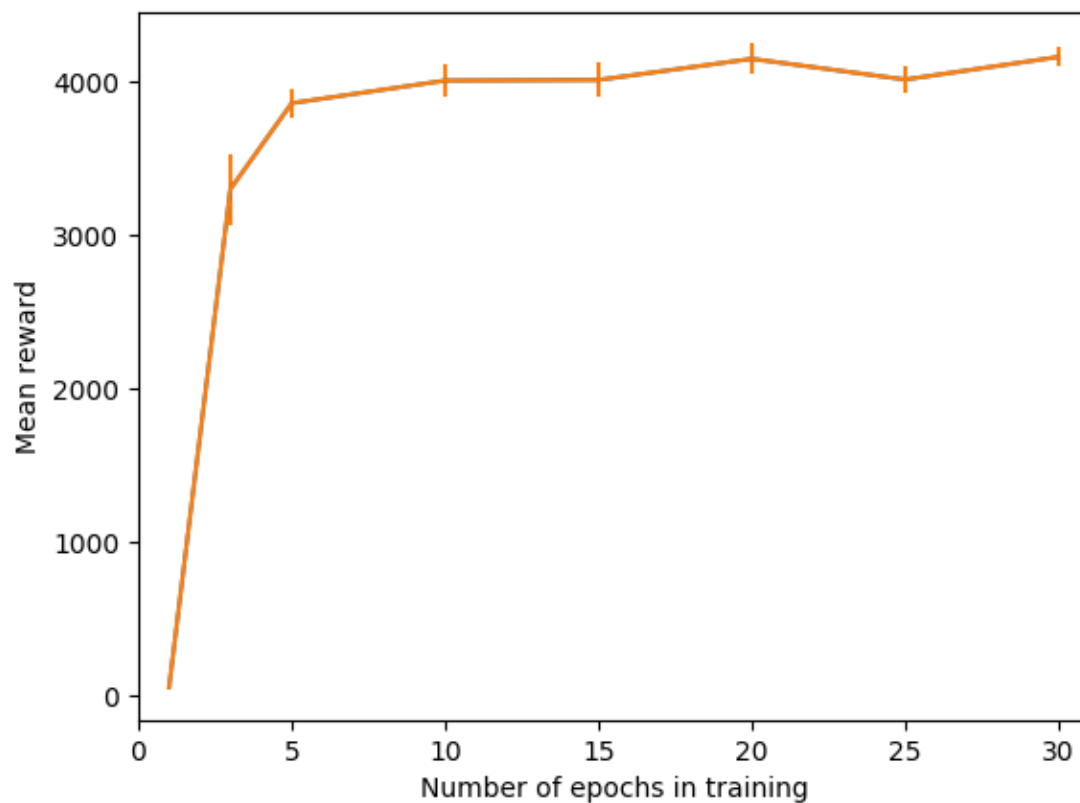
## Deep RL Assignment 1: Imitation Learning

*Table 1: Results from behavioral cloning*

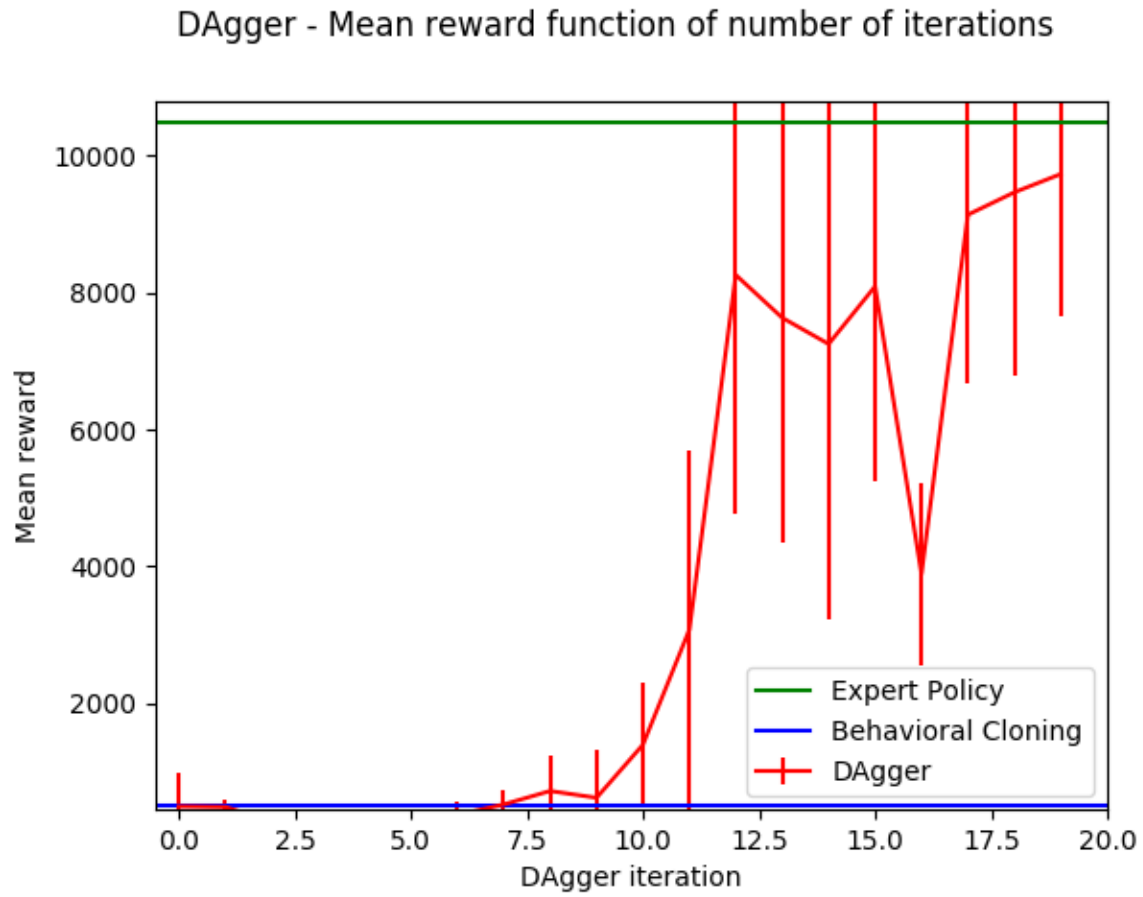
|                       | mean | std  | amount_of_data | n_training_iterations | network_size                    |
|-----------------------|------|------|----------------|-----------------------|---------------------------------|
| <b>HalfCheetah-v2</b> | 4107 | 4107 | 20000          | 18750                 | (17, 100)x(100, 100)x(100, 6)   |
| <b>Humanoid-v2</b>    | 499  | 499  | 20000          | 18750                 | (376, 100)x(100, 100)x(100, 17) |

*Figure 1*

Behavioral Cloning - Mean reward = f(number of epoch)



I chose to change the epoch parameter because when I was testing my code pipeline, I trained with low value of epochs and realized that there was a big evolution gap between the low values of epochs and the higher one. I wanted to show this in a graph.



*Figure2*