|  |  |  |  |
| --- | --- | --- | --- |
| Tasks(environment) | Eval\_Mean | Eval\_Std | Percent of Expert |
| Ant | 2804.71 | 909.76 | 59.5% |
| Walker2d | 361.60 | 125.11 | 7.67% |

Behavioral cloning tasks performance table (No DAgger)

Both above tasks used a 2-layer network with each layer being size 64. The training parameters included: train batch size = 100; evaluation batch size = 5000, episode length = 1000, and number of training steps = 1000.

Chart, line chart

Description automatically generated

Chose to experiment with number of train steps because we can see how this metric is affecting the efficiency of the training progress.

Chart, line chart

Description automatically generated

Line chart

Description automatically generated

Hyperparameters:

num\_agent\_train\_steps\_per\_iter: 1000; n\_iter: 10; batch\_size: 1000; eval\_batch\_size: 5000; ep\_len=1000; train\_batch\_size: 100

network: 2 layers, width=64; learning\_rate: 5e-3