

## Assignment 3: Q-Learning and Actor-Critic Algorithms

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NOTE: Please do NOT change the sizes of the answer blocks or plots.

### 1 Question 1: DQN and DDQN (LunarLander-v3)- [7.5 points]

#### Question 1

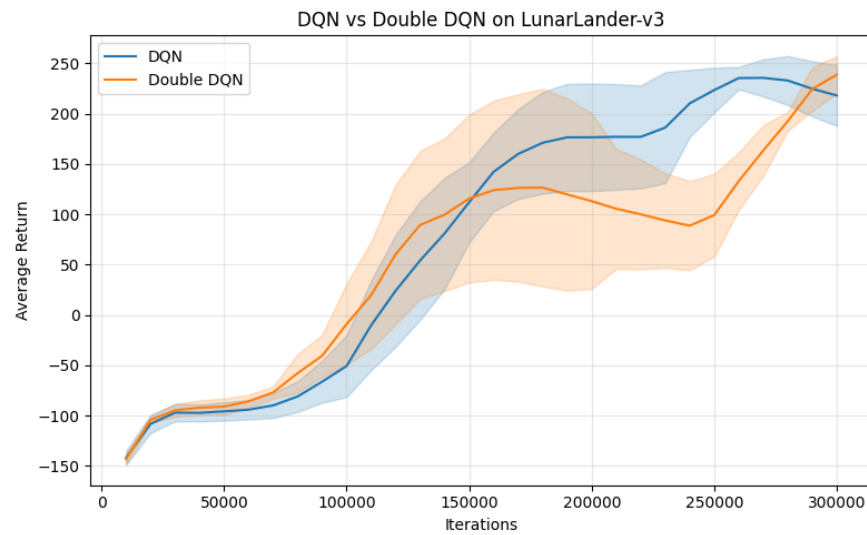
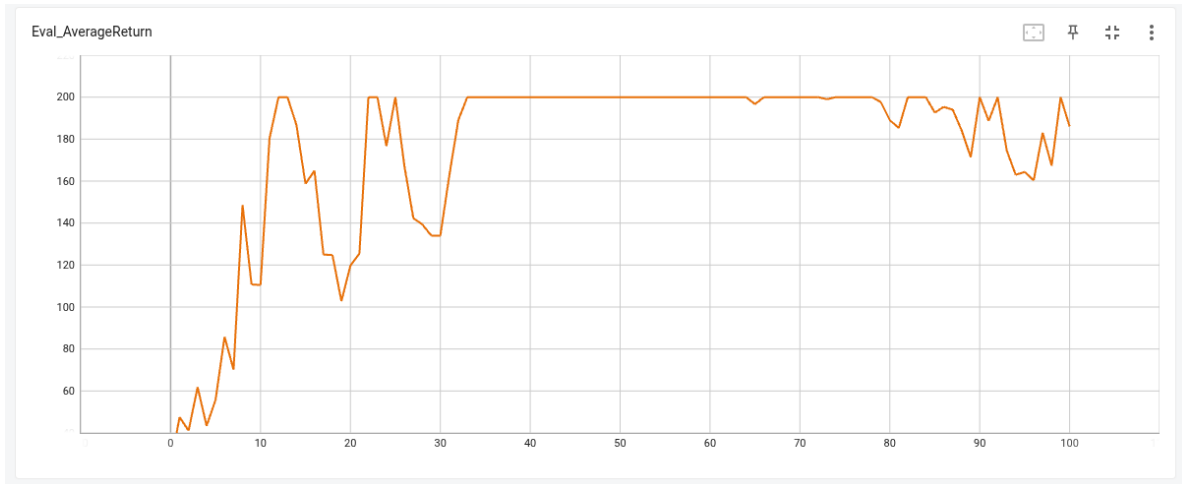


Figure 1: DQN and DDQN

## 2 Question 2: Actor-Critic (CartPole-v0) - [3.75 points]

### Question 2



## 3 Question 3: Actor-Critic (InvertedPendulum-v4) - [3.75 points]

### Question 3

