

✓ Congratulations! You passed!

Grade received 100% Latest Submission Grade 100% To pass 80% or higher

Go to next item

1.

1 / 1 point

The Lunar Lander is a continuous state Markov Decision Process (MDP) because:

- ☐ The reward contains numbers that are continuous valued
- ☒ The state contains numbers such as position and velocity that are continuous valued.
- ☐ The state has multiple numbers rather than only a single number (such as position in the  $x$ -direction)
- ☐ The state-action value  $Q(s, a)$  function outputs continuous valued numbers

✓ Correct  
That's right!

2.

1 / 1 point

In the learning algorithm described in the videos, we repeatedly create an artificial training set to which we apply supervised learning where the input  $x = (s, a)$  and the target, constructed using Bellman's equations, is  $y = \text{_____}$ ?

- ☐  $y = R(s)$
- ☐  $y = R(s')$  where  $s'$  is the state you get to after taking action  $a$  in state  $s$
- ☒  $y = R(s) + \gamma \max_{a'} Q(s', a')$  where  $s'$  is the state you get to after taking action  $a$  in state  $s$
- ☐  $y = \max_{a'} Q(s', a')$  where  $s'$  is the state you get to after taking action  $a$  in state  $s$

✓ Correct

3.

1 / 1 point

You have reached the final practice quiz of this class! What does that mean? (Please check all the answers, because all of them are correct!)

✓ You deserve to celebrate!

✓ Correct

✓ What an accomplishment -- you made it!

✓ Correct

✓ Andrew sends his heartfelt congratulations to you!

✓ Correct

✓ The DeepLearning.AI and Stanford Online teams would like to give you a round of applause!

✓ Correct