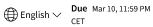
Continuous state spaces Graded Quiz • 30 min

coursera



## **☞ @ongratulations!** You passed!

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

What an accomplishment -- you made it!

**⊘** Correct

## Go to next item Continuous state spaces

	Submit your assignment		
L.	Due Mar 10, 11:59 PM CET	1 / 1 point	
	Try again The Lunar Lander is a continuous state Markov Decision Process (MDP) because:		
	The state-action value $Q(s,a)$ function outputs continuous valued numbers  Receive grade  The state has multiple numbers rather than only a single number (such as position in the $x$ -direction)		
	To Pass 80% or higher  The state contains numbers such as position and velocity that are continuous valued.		
	The reward contains numbers that are continuous valued Your grade		
	$\odot$ Correct 100% That's right!		
	View Feedback		
<u>.</u>	We keep your highest score	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 $y=$ ?	1 / 1 point	
	$igotimes y = R(s) + \gamma \max_{a'} Q(s',a')$ where $s'$ is the state you get to after taking action $a$ in state $s$		
	igcirc $y=R(s)$		
	igcirc $y=R(s')$ where $s'$ is the state you get to after taking action $a$ in state $s$		
	$igcirc$ $y=\max_{a'}Q(s',a')$ where $s'$ is the state you get to after taking action $a$ in state $s$		
	<b>⊘</b> 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!)		
	Andrew sends his heartfelt congratulations to you!		
	<b>⊘</b> Correct		
	✓ You deserve to celebrate!		
	<b>⊘</b> Correct		
	The DeepLearning.AI and Stanford Online teams would like to give you a round of applause!		
	<b>⊘</b> Correct		

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