Mindluster Platform

About the course Reinforcement Learning

Reinforcement learning (RL) is an area of machine learning concerned with how intelligent agents ought to take actions in an environment in order to maximize the notion of cumulative reward. Reinforcement learning is one of three basic machine learning paradigms, alongside supervised learning and unsupervised learning.What is reinforcement learning examples? Summary: Reinforcement Learning is a Machine Learning method. ... Agent, State, Reward, Environment, Value function Model of the environment, Model based methods, are some important terms using in RL learning method. The example of reinforcement learning is your cat is an agent that is exposed to the environment.What is reinforcement learning theory? The reinforcement learning theory is based on Markov decision processes, in which a combination of an action and a particular state of the environment entirely determines the probability of getting a particular amount of reward as well as how the state will change.What is reinforcement learning in simple words? Reinforcement learning is an area of Machine Learning. It is about taking suitable action to maximize reward in a particular situation. It is employed by various software and machines to find the best possible behavior or path it should take in a specific situation.How does reinforced learning work? Reinforcement learning is the process of running the agent through sequences of state-action pairs, observing the rewards that result, and adapting the predictions of the Q function to those rewards until it accurately predicts the best path for the agent to take. That prediction is known as a policy.

Computer Science Category's Courses

Course Lesson(15)

Lesson 1 : **Stanford CS234 Reinforcement Learning | Winter 2019 | Lecture 1 Introduction**

Lesson 2 :
Stanford CS234 Reinforcement Learning | Winter 2019 | Lecture 2 Given a Model of the World

Lesson 3 :
Stanford CS234 Reinforcement Learning | Winter 2019 | Lecture 3 Model Free Policy Evaluation

Lesson 4 : **Stanford CS234 Reinforcement Learning | Winter 2019 | Lecture 4 Model Free Control**

Lesson 5 :
Stanford CS234 Reinforcement Learning | Winter 2019 | Lecture 5 Value Function Approximation

Lesson 6 :
Stanford CS234 Reinforcement Learning | Winter 2019 | Lecture 6 CNNs and Deep Q Learning

Lesson 7 : **Stanford CS234 Reinforcement Learning | Winter 2019 | Lecture 7 Imitation Learning**

Lesson 8 : **Stanford CS234 Reinforcement Learning | Winter 2019 | Lecture 8 Policy Gradient I**

Lesson 9 : **Stanford CS234 Reinforcement Learning | Winter 2019 | Lecture 9 Policy Gradient II**

Lesson 10 :
Stanford CS234 Reinforcement Learning | Winter 2019 | Lecture 10 Policy Gradient III Review

Lesson 11 :
Stanford CS234 Reinforcement Learning | Winter 2019 | Lecture 11 Fast Reinforcement Learning

Lesson 12 :
Stanford CS234 Reinforcement Learning | Winter 2019 | Lecture 12 Fast Reinforcement Learning II

Lesson 13 :
Stanford CS234 Reinforcement Learning | Winter 2019 | Lecture 13 Fast Reinforcement Learning III

Lesson 14 :
Stanford CS234 Reinforcement Learning | Winter 2019 | Lecture 15 Batch Reinforcement Learning

Lesson 15 :
Stanford CS234 Reinforcement Learning | Winter 2019 | Lecture 16 Monte Carlo Tree Search

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort

GCSE Computer Science

Random Access Memory

Binary Trees

for Business Contact
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