

<u>Course</u> > <u>Bandits</u> > <u>Lab</u> > Exercis...

Exercise 1A Greedy

Exercise 2.1A: Greedy Policy

In this exercise, you will examine the greedy policy.

Make sure that you have completed the setup requirements as described in the Set Up Lab Environments section.

Now, run jupyter notebook and open the "Ex2.1A Greedy.ipynb" notebook under **Module 2** folder.

- 1. Examine the notebook. We have given you an implementation of the Greedy algorithm.
- 2. Once you have studied the notebook, run it (don't change any parameter), observe the results, and answer the following questions.

Lab Question

1/1 point (graded)

Which arm/action gives you the most promising reward?

O Arm 0			
O Arm 1			



ab Question 1 point (graded) 1/hich arm/action that the greedy algorithm locks into? ■ Arm 0 ■ Arm 1 ■ Arm 2 ■ Arm 3 ■ Arm 4 Submit You have used 1 of 2 attempts	Arm 3	
✓ Correct (1/1 point) ab Question 1 point (graded) /hich arm/action that the greedy algorithm locks into? Arm 0 Arm 1 Arm 2 Arm 3 Arm 4 Submit You have used 1 of 2 attempts	O Arm 4	
✓ Correct (1/1 point) ab Question 1 point (graded) /hich arm/action that the greedy algorithm locks into? Arm 0 ✓ Arm 1 Arm 2 Arm 3 Arm 4 Submit You have used 1 of 2 attempts		
/1 point (graded) /hich arm/action that the greedy algorithm locks into? Arm 0 Arm 1 Arm 2 Arm 3 Arm 4 Submit You have used 1 of 2 attempts	Submit	You have used 1 of 2 attempts
/hich arm/action that the greedy algorithm locks into? ● Arm 0 ✓ Arm 1 ● Arm 2 ● Arm 3 ● Arm 4 Submit You have used 1 of 2 attempts	✓ Correc	t (1/1 point)
/1 point (graded) /hich arm/action that the greedy algorithm locks into? Arm 0 Arm 1 Arm 2 Arm 3 Arm 4 Submit You have used 1 of 2 attempts	ab Oues	stion
Arm 1 Arm 2 Arm 3 Arm 4 Submit You have used 1 of 2 attempts		
Arm 1 Arm 2 Arm 3 Arm 4 Submit You have used 1 of 2 attempts	/hich arm/a	action that the greedy algorithm locks into?
Arm 1 Arm 2 Arm 3 Arm 4 Submit You have used 1 of 2 attempts	Arm 0	
Arm 2Arm 3Arm 4	✓	
Arm 3Arm 4Submit You have used 1 of 2 attempts	O Arm 1	
Arm 4 Submit You have used 1 of 2 attempts	O Arm 2	
Submit You have used 1 of 2 attempts	O Arm 3	
	O Arm 4	
A. Connect (4.14 posite)		You have used 1 of 2 attempts
	Submit	J

© All Rights Reserved