



EN.605.647.83.SP21 Neural Networks

Course Modules ...

Module 1 Assignment

Review Test Submission: Quiz

1.2

Review Test Submission: Quiz 1.2

User	BRIAN THOMAS LOUGHRAN
Course	EN.605.647.81.SP21 Neural Networks
Test	Quiz 1.2
Started	1/27/21 6:33 PM
Submitted	1/27/21 6:34 PM
Due Date	2/2/21 11:59 PM
Status	Completed
Attempt Score	12 out of 14 points
Time Elapsed	1 minute
Results Displayed	Submitted Answers

Question 1

4 out of 4 points

The simplest and best way to capture the inhibitory effect that some neurotransmitters have on a neuron in the Perceptron model is to

Selected Answer: Modify a weight associated with an input by making it negative.

Question 2

0 out of 2 points

The activity function in the Perceptron is often referred to as a linear basis function.

Selected Answer: False

Question 3

2 out of 2 points

The activation function must be continuous and differentiable.

Selected Answer: False

Question 4

3 out of 3 points

The activation modifies the output of the Perceptron's activity function so that

Selected Answer: it conveniently serves a useful mathematical purpose in the modeling and analysis of the neural network it is used in

Question 5

3 out of 3 points

The sigmoid function is often used as an activation function because

Selected Answer: it is continuous, differentiable and produces an output between 0 and 1

Wednesday, January 27, 2021 6:34:17 PM EST

← OK