



Review Test Submission: Quiz 7.1

User	BRIAN THOMAS LOUGHRAN
Course	EN.605.647.81.SP21 Neural Networks
Test	Quiz 7.1
Started	3/10/21 7:11 PM
Submitted	3/10/21 7:12 PM
Due Date	3/16/21 11:59 PM
Status	Completed
Attempt Score	8 out of 12 points
Time Elapsed	1 minute
Instructions	Please complete this short quiz after viewing Lectures 7.1 and 7.2.

Results Displayed Submitted Answers, Feedback, Incorrectly Answered Questions

Question 1

2 out of 2 points



One should use all the available data for training a neural network.

Selected Answer: False

Response Feedback: Correct.

Question 2

2 out of 2 points



Overtraining necessarily occurs if one achieves minimization of the error function during training.

Selected Answer: False

Response Feedback: Correct.

Question 3

2 out of 2 points



Using a momentum term in training a neural network involves adding a portion of the step size from the previous iteration in a gradient descent based optimization method to the currently calculated step size.

Selected Answer: True

Response Feedback: Correct.

Question 4

2 out of 2 points



Pruning a network involves eliminating links or nodes that have an absolute weight value below some pre-defined threshold after a training phase.

Selected Answer: True

Response Feedback: Correct.

Question 5

0 out of 4 points



In a database with four records each of which includes input and output data for a neural network, there are these many possible ways to define training and testing sets:

Selected Answer: 6

Response Feedback: Incorrect.

Wednesday, March 10, 2021 7:12:49 PM EST

← OK