

AdvancedLearningAlgorithms - WEEK 1 - QUIZ 1

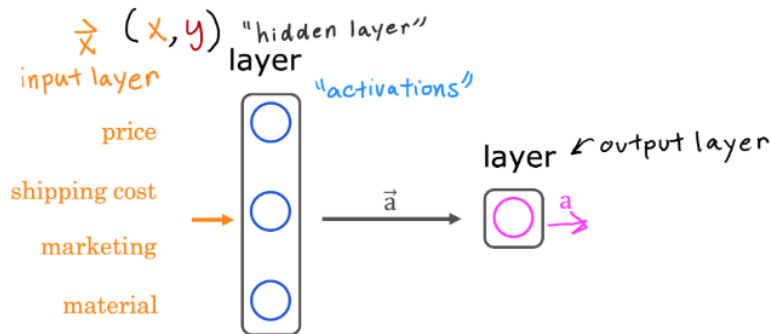
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Your grade: 100%

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1 / 1 point



1. Which of these are terms used to refer to components of an artificial neural network? (hint: three of these are correct)

☒ layers

✓ **Correct**

Yes, a layer is a grouping of neurons in a neural network

☒ activation function

✓ **Correct**

Yes, an activation is the number calculated by a neuron (and "activations" in the figure above is a vector that is output by a layer that contains multiple neurons).

☒ neurons

✓ **Correct**

Yes, a neuron is a part of a neural network

☐ axon

2. True/False? Neural networks take inspiration from, but do not very accurately mimic, how neurons in a biological brain learn.

☐ False

☒ True

✓ **Correct**

Artificial neural networks use a very simplified mathematical model of what a biological neuron does.

1 / 1 point