

QUIZ: Introduction to Deep Learning & Neural Networks with Keras

Pregunta 1:

1. Which of the following are applications of deep learning?

- ☒ Color Restoration in Greyscale Images
- ☒ Self-Driving Cars
- ☒ Automatic Machine Translation
- ☒ Automatic Handwriting Generation
- ☒ All of the Above

Pregunta 2:

2. An artificial neural network can be composed of which of the following types of layers?

- ☒ Input Layer
- ☒ Hidden Layer
- ☒ Output Layer
- ☐ Sparse Layer
- ☐ Intermediate Layer

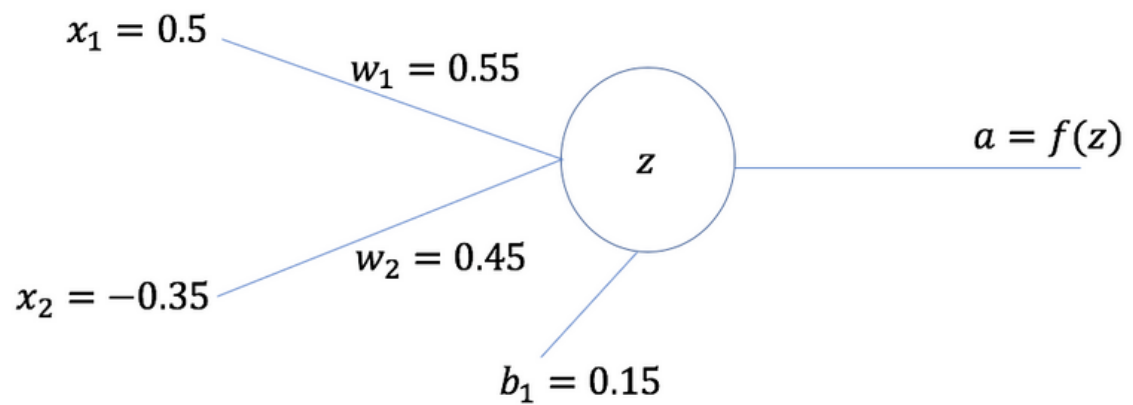
Pregunta 3:

3. A artificial neuron is so powerful that it can perform complex tasks by simply performing a linear combination of its inputs.

- ☒ True
- ☐ False

Pregunta 4:

4. Given below is a neural network with one neuron that takes two float numbers as inputs.



What is the value of z for the given x_1 and x_2 (Give your answer to three decimal places)

0.267

Pregunta 5:

5. The model in the previous question uses the sigmoid activation function. What is the output of the network?

0.566