Review Questions

Instructions for Review Questions

1. Time allowed: **Unlimited**

- We encourage you to go back and review the materials to find the right answer
- Please remember that the Review Questions are worth 50% of your final mark.

2. Attempts per question:

- One attempt - For True/False questions
- Two attempts - For any question other than True/False

3. Check your grades in the course at any time by clicking on the "Progress" tab

Review Question 1

1/1 point (graded)
Which of the following are applications of deep learning?

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

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

Review Question 2

1/1 point (graded)

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

- [ ] Intermediate Layer
- [x] Input Layer
- [ ] Sparse Layer
- [x] Output Layer
- [x] Hidden Layer

✔

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

Review Question 3

1/1 point (graded)

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

- ○ True
- ◉ False ✔

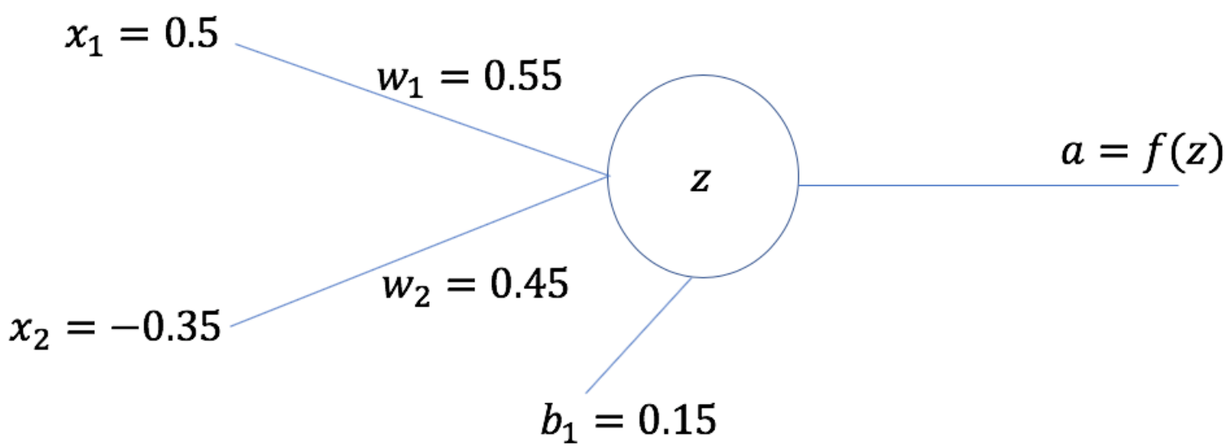
Submit You have used 1 of 1 attempt

✔ Correct (1/1 point)

Review Question 4

1/1 point (graded)

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 x1 and x2?

0.2675 ✔

0.2675

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

Review Question 5

1/1 point (graded)

The model in Review Question 4 uses the sigmoid activation function.

What is the output of the network?

0.5664791 ✔

0.5664791

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

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