Graded Review Questions

Instructions for Graded 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)
What can be achieved with "convolution" operations on Images?

- Noise Filtering
- Image Smoothing
- Image Blurring
- Edge Detection
- All of the above ✔

Submit You have used 1 of 2 attempts

Review Question 2

1/1 point (graded)
For convolution, it is better to store images in a TensorFlow Graph as:

- (●) Placeholder ✔
- ( ) CSV file
- ( ) Numpy array
- ( ) Variable
- ( ) None of the above

Submit You have used 1 of 2 attempts

Review Question 3

1/1 point (graded)
Which of the following statements is TRUE about Convolution Neural Networks (CNNs)?

- ( ) CNN can be applied ONLY on Image and Text data
- (●) CNN can be applied on ANY 2D and 3D array of data ✔
- ( ) CNN can be applied ONLY on Text and Speech data
- ( ) CNN can be applied ONLY on Image data
- ( ) All of the above

Submit You have used 2 of 2 attempts

✔ Correct (1/1 point)

Review Question 4

1/1 point (graded)
Which of the following Layers can be part of Convolution Neural Networks (CNNs)

- Dropout
- Softmax
- Maxpooling
- Relu
- All of the above ✔

Submit You have used 1 of 2 attempts

Review Question 5

1/1 point (graded)
The objective of the Activation Function is to:

- Increase the Size of the Network
- Handle Non-Linearity in the Network ✔
- Handle Linearity in the Network

- Reduce the Size of the Network
- None of the above

Submit You have used 1 of 2 attempts