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Graded Review Questions

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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

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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 2 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

✔

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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

✔

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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

✔

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