# ✅ Congratulations! You passed!

**Grade received** 100%

**Latest Submission Grade** 100%

**To pass** 80% or higher

**Go to next item**

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**1.** What can be achieved with **convolution** operations on Images?

1 / 1 point

○ Edge Detection

○ Image Smoothing

○ Image Blurring

○ Noise Filtering

◉ All of the above

✓ **Correct**

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**2.** For convolution, it is better to store images in a TensorFlow Graph as:

1 / 1 point

○ Variable

○ CSV file

○ Numpy array

◉ Placeholder

○ None of the above

✓ **Correct**

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**3.** Which of the following statements is TRUE about Convolution Neural Networks (CNNs)?

1 / 1 point

○ CNN can be applied ONLY on Image 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 and Text data.

○ All of the above

  ⊘ **Correct**

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

○ Relu

○ Softmax

○ Maxpooling

○ Dropout

◉ All of the above

  ⊘ **Correct**

**5.** The objective of the Activation Function is to:      **1 / 1 point**

○ Reduce the Size of the Network

◉ Handle Non-Linearity in the Network

○ Handle Linearity in the Network

○ Increase the Size of the Network

○ None of the above

  ⊘ **Correct**