Congratulations! You passed!

Grade received 100% **To pass** 80% or higher

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Week 4 Quiz

Latest Submission Grade 100%

1. Using Image Generator, how do you label images? **1 / 1 point**

- TensorFlow figures it out from the contents
- You have to manually do it
- It's based on the file name
- (●) It's based on the directory the image is contained in

Correct

2. What method on the Image Generator is used to normalize the image? **1 / 1 point**

- Rescale_image
- normalize
- (●) rescale
- normalize_image

Correct

3. How did we specify the training size for the images? **1 / 1 point**

- The target_size parameter on the validation generator
- The training_size parameter on the training generator
- (●) The target_size parameter on the training generator
- The training_size parameter on the validation generator

Correct

4. When we specify the input_shape to be (300, 300, 3), what does that mean? **1 / 1 point**

- There will be 300 horses and 300 humans, loaded in batches of 3
- Every Image will be 300x300 pixels, and there should be 3 Convolutional Layers
- There will be 300 images, each size 300, loaded in batches of 3
- (●) Every Image will be 300x300 pixels, with 3 bytes to define color

Correct

5. If your training data is close to 1.000 accuracy, but your validation data isn't, what's the risk here? **1 / 1 point**

- No risk, that's a great result
- You're overfitting on your validation data
- (●) You're overfitting on your training data
- You're underfitting on your validation data

Correct

6. Convolutional Neural Networks are better for classifying images like horses and humans because: **1 / 1 point**

- ○ In these images, the features may be in different parts of the frame
- ○ There's a wide variety of horses
- ○ There's a wide variety of humans
- ◉ All of the above

✓ **Correct**

7. After reducing the size of the images, the training results were different. Why? **1 / 1 point**

- ◉ We removed some convolutions to handle the smaller images
- ○ There was less information in the images
- ○ The training was faster
- ○ There was more condensed information in the images

✓ **Correct**