Congratulations! You passed!
TO PASS 80% or higher

Keep Learning

GRADE
100%

Week 4 Quiz

LATEST SUBMISSION GRADE
100%

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

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

✓ **Correct**

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

- ( ) normalize_image
- ( ) normalize
- (•) rescale
- ( ) Rescale_image

✓ **Correct**

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

- ( ) The training_size parameter on the training generator
- ( ) The target_size parameter on the validation 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 images, each size 300, loaded in batches of 3
- ( ) Every Image will be 300x300 pixels, and there should be 3 Convolutional Layers
- ( ) There will be 300 horses and 300 humans, 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

- [x] You're overfitting on your training data
- [ ] You're underfitting on your validation data
- [ ] You're overfitting 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
- [x] All of the above

✓ Correct

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

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

✓ Correct