Congratulations! You passed!
TO PASS 80% or higher

Keep Learning

GRADE
85.71%

Week 4 Quiz

LATEST SUBMISSION GRADE
85.71%

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

- TensorFlow figures it out from the contents
- It's based on the file name
- You have to manually do it
- (selected) 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

- normalize_image
- normalize
- (selected) 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
- (selected) 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

- (selected) Every Image will be 300x300 pixels, with 3 bytes to define color
- 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
- There will be 300 images, each size 300, loaded in batches of 3

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

- [x] You're overfitting on your training data
- [ ] You're overfitting on your validation data
- [ ] No risk, that's a great result
- [ ] 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
- [x] All of the above

✓ **Correct**

7. After reducing the size of the images, the training results were different. Why? **0 / 1 point**

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

✗ **Incorrect**