Congratulations! You passed!
TO PASS 80% or higher

Keep Learning

GRADE
85.71%

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Machine Learning	270
Statistical Programming	307
Computer Programming	215

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 directory the image is contained in
- ○ It's based on the file name
- ○ You have to manually do it

✓ Correct

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

- ◉ rescale
- ○ normalize_image
- ○ Rescale_image
- ○ normalize

✓ 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 training generator
- ○ The training_size parameter on the validation generator
- ○ The target_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
- ○ 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
- ○ Every Image will be 300x300 pixels, and there should be 3 Convolutional Layers

✓ 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 training data
- You're overfitting on your validation 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? 0 / 1 point

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

! Incorrect