Week 2 Quiz
Quiz, 8 questions

7/8 points (87.50%)

✓ **Congratulations! You passed!**

<div>Next Item</div>

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point

1.

How do you use Image Augmentation in TensorFLow

○ **You have to write a plugin to extend tf.layers**

○ **Using parameters to the ImageDataGenerator**

▲

Correct

○ **With the keras.augment API**

○ **With the tf.augment API**

✔ 1 / 1
point

2.

If my training data only has people facing left, but I want to classify people facing right, how would I avoid overfitting?

○ **Use the 'flip' parameter and set 'horizontal'**

○ **Use the 'horizontal_flip' parameter**

▲

Correct

○ **Use the 'flip_vertical' parameter around the Y axis**

○ **Use the 'flip' parameter**

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3.

When training with augmentation, you noticed that the training is a little slower. Why?

◯ **Because there is more data to train on**

◯ **Because the image processing takes cycles**

◯ **Because the training is making more mistakes**

◉ **Because the augmented data is bigger**

This should not be selected

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point

4.

What does the fill_mode parameter do?

◯ **There is no fill_mode parameter**

◯ **It creates random noise in the image**

◉ **It attempts to recreate lost information after a transformation like a shear**

Correct

◯ **It masks the background of an image**

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5.

When using Image Augmentation with the ImageDataGenerator, what happens to your raw image data on-disk.

◯ It gets overwritten, so be sure to make a backup

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○ A copy is made and the augmentation is done on the copy

○ Nothing, all augmentation is done in-memory

▲

Correct

○ It gets deleted

✔ 1 / 1
point

6.
How does Image Augmentation help solve overfitting?

○ It slows down the training process

◉ It manipulates the training set to generate more scenarios for features in the images

▲

Correct

○ It manipulates the validation set to generate more scenarios for features in the images

○ It automatically fits features to images by finding them through image processing techniques

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✔ 1 / 1
point

7.
When using Image Augmentation my training gets...

◉ Slower

▲

Correct

○ Faster

○ Stays the Same

○ Much Faster

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8.

Using Image Augmentation effectively simulates having a larger data set for training.

○   False

○   True

▲

Correct