Week 2 Quiz

Quiz, 8 questions

8/8 points (100%)

Congratulations! You passed!

Next Item

1 / 1 point

1.

How do you use Image Augmentation in TensorFLow

- **With the tf.augment API**
- **Using parameters to the ImageDataGenerator**

Correct

- **With the keras.augment API**
- **You have to write a plugin to extend tf.layers**

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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_vertical' parameter around the Y axis**
- **Use the 'horizontal_flip' parameter**

Correct

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

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1 / 1 point

3.

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

- **Because the augmented data is bigger**
- **Because the image processing takes cycles**

Correct

- **Because there is more data to train on**
- **Because the training is making more mistakes**

1 / 1 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**

1 / 1 point

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

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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

Week 2 Quiz

Quiz, 8 questions

8/8 points (100%)

8. 1 / 1 point

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

- False
- True

Correct