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

Correct

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 'flip_vertical' parameter around the Y axis**
- **Use the 'flip' parameter**
- **Use the 'horizontal_flip' parameter**

Correct

1 / 1

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1 / 1 point

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

- **Because the training is making more mistakes**
- **Because the augmented data is bigger**
- **Because the image processing takes cycles**

Correct

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

---

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
- 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

1 / 1 point

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

- Slower

Correct

- Faster
- Stays the Same
- Much Faster

1 / 1 point

8.
Using Image Augmentation effectively simulates having a larger data set for training.

- False
- True

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Correct

8/8 points (100%)