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

- [x] **Using parameters to the ImageDataGenerator**

Correct

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

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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**
- [x] **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 there is more data to train on**
- [ ] **Because the augmented data is bigger**
- [x] **Because the image processing takes cycles**

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

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...

- [x] 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
- [x] True

Correct