

Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

GRADE

87.5%

## Week 2 Quiz

LATEST SUBMISSION GRADE  
87.5%

1.

How do you use Image Augmentation in TensorFlow

1 / 1 point

With the tf.augment API

You have to write a plugin to extend tf.layers

With the keras.augment API

Using parameters to the ImageDataGenerator

2.

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

1 / 1 point

Use the 'flip\_vertical' parameter around the Y axis

Use the 'horizontal\_flip' parameter

Use the 'flip' parameter

Use the 'flip' parameter and set 'horizontal'

Correct

3.

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

0 / 1 point

Because the augmented data is bigger

Because there is more data to train on

Because the training is making more mistakes

Because the image processing takes cycles

4.

What does the fill\_mode parameter do?

1 / 1 point

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

It masks the background of an image

Correct

5.

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

1 / 1 point

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

6.

How does Image Augmentation help solve overfitting?

1 / 1 point

It slows down the training process

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

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

Correct

7.

When using Image Augmentation my training gets...

1 / 1 point

Slower

Faster

Stays the Same

Much Faster

Correct

8.

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

1 / 1 point

False

True