✓ **Congratulations! You passed!**
TO PASS 80% or higher

Keep Learning

GRADE
100%

Week 2 Quiz

LATEST SUBMISSION GRADE
100%

1. **How do you use Image Augmentation in TensorFLow**   `1 / 1 point`

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

   ◉ Using parameters to the ImageDataGenerator

   ○ With the keras.augment API

   ○ With the tf.augment API

   ✓ Correct

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 'horizontal_flip' parameter

   ○ Use the 'flip_vertical' parameter around the Y axis

   ○ 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?**   `1 / 1 point`

   ◉ Because the image processing takes cycles

   ○ Because there is more data to train on

   ○ Because the training is making more mistakes

   ○ Because the augmented data is bigger

   ✓ Correct

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

   ○ It gets deleted

   ✓ 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

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

✓ **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

✓ **Correct**