✓ **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

- (•) Using parameters to the ImageDataGenerator
- ( ) With the tf.augment API
- ( ) You have to write a plugin to extend tf.layers
- ( ) With the keras.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 'flip' parameter and set 'horizontal'
- ( ) Use the 'flip_vertical' parameter around the Y axis
- ( ) Use the 'flip' parameter
- (•) Use the 'horizontal_flip' parameter

✓ Correct

3. When training with augmentation, you noticed that the training is a little slower. Why? — 1 / 1 point

- ( ) Because the augmented data is bigger
- (•) Because the image processing takes cycles
- ( ) Because the training is making more mistakes
- ( ) Because there is more data to train on

✓ 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**