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TO PASS 80% or higher

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GRADE
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Week 2 Quiz

LATEST SUBMISSION GRADE
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1. **How do you use Image Augmentation in TensorFLow** — 1 / 1 point

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

✓ 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 and set 'horizontal'
- ( ) Use the 'flip' parameter

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

! Incorrect

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