축하합니다! 통과하셨습니다!

받은 학점 100% 최신 제출물 학점 100% 통과 점수: 80% 이상

다음 항목으로 이동

1. How do you use Image Augmentation in TensorFLow 1 / 1점

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

맞습니다
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 / 1점

- Use the 'flip_vertical' parameter around the Y axis
- Use the 'flip' parameter and set 'horizontal'
- Use the 'horizontal_flip' parameter
- Use the 'flip' parameter

맞습니다
That's right!

3. After adding data augmentation and using the same batch size and steps per epoch, you noticed that each training epoch became a little slower than when you trained without it. Why? 1 / 1점

- Because the augmented data is bigger
- Because the image preprocessing takes cycles
- Because the training is making more mistakes
- Because there is more data to train on

맞습니다
That's right! It will take some time to generate and load the additional images into memory.

4. What does the fill_mode parameter do? 1 / 1점

- 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

맞습니다
That's right!

5. When using Image Augmentation with the ImageDataGenerator, what happens to your raw image data on-disk. 1 / 1점

- 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

맞습니다
That's right!

6. How does Image Augmentation help solve overfitting? 1 / 1점

- ○ 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

맞습니다
That's right!

7. When using Image Augmentation my training gets... 1 / 1점

- ◉ Slower
- ○ Faster
- ○ Stays the Same
- ○ Much Faster

맞습니다
That's right!

8. Using Image Augmentation effectively simulates having a larger data set for training. 1 / 1점

- ○ False
- ◉ True

맞습니다
Exactly!