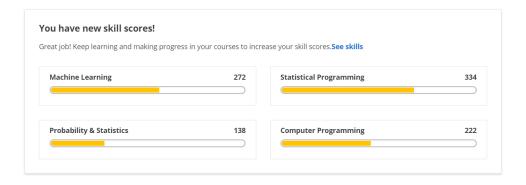


## ✓ Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

grade 87.50%



## Week 2 Quiz

1. How do you use Image Augmentation in TensorFLow  ② 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?  ③ Use the 'Inj' parameter  Use the 'Inj' parameter around the Y axis  Use the 'Inj' parameter and set 'horizontal'  Use the 'Inj' parameter  ✓ Correct  3. When training with augmentation, you noticed that the training is a little slower. Why?  Ø to the 'Inj' parameter  Is ecause the augmented data is bigger  Because the ungmented data is bigger  Because the training is making more mistakes  Because there is more data to train on  ! Incorrect  4. What does the fill_mode parameter do?  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	LATEST SUBMISSION GRADE 87.5%			
2. If my training data only has people facing left, but I want to classify people facing right, how would I avoid overfitting?  ② Use the 'horizontal flip' parameter  ③ Use the 'flip_vertical' parameter around the Y axis  ⑤ Use the 'flip' parameter and set 'horizontal'  ⑤ Use the 'flip' parameter  ✓ Correct  3. When training with augmentation, you noticed that the training is a little slower. Why?  ⑥ Because the augmented data is bigger  ⑥ Because the image processing takes cycles  ⑥ Because the training is making more mistakes  ⑥ Because there is more data to train on  ! Incorrect  4. What does the fill_mode parameter  ⑥ It creates random noise in the image  ⑥ It attempts to recreate lost information after a transformation like a shear  ⑥ It masks the background of an image	1.	Using parameters to the ImageDataGenerator     With the tf.augment API     With the keras.augment API	1/1 point	
		✓ Correct		
3. When training with augmentation, you noticed that the training is a little slower. Why?  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?  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	2.	overfitting?  ① Use the 'horizontal_flip' parameter  Use the 'flip_vertical' parameter around the Y axis  Use the 'flip' parameter and set 'horizontal'	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  ! Incorrect  4. What does the fill_mode parameter do?  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		
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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		! Incorrect		
✓ Correct	4.	<ul> <li>There is no fill_mode parameter</li> <li>It creates random noise in the image</li> <li>It attempts to recreate lost information after a transformation like a shear</li> </ul>	1/1 point	
		✓ Correct		

5.	When using Image Augmentation with the Image Data Generator, 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	
	O 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	
	¥	