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GRADE  
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Applied Machine Learning

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Artificial Neural Networks

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Computer Programming

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Computer Vision

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Deep Learning

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Machine Learning

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Python Programming

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## Week 2 Quiz

LATEST SUBMISSION GRADE

100%

1. What's the name of the dataset of Fashion images used in this week's code?

1 / 1 point

- ☐ Fashion MN
- ☐ Fashion Data
- ☒ Fashion MNIST
- ☐ Fashion Tensors

✓ Correct

2. What do the above mentioned Images look like?

1 / 1 point

- ☐ 28x28 Color
- ☒ 28x28 Greyscale
- ☐ 100x100 Color
- ☐ 82x82 Greyscale

✓ Correct

3. How many images are in the Fashion MNIST dataset?

1 / 1 point

- ☐ 60,000
- ☒ 70,000
- ☐ 42
- ☐ 10,000

✓ Correct

4. Why are there 10 output neurons?

1 / 1 point

- ☐ To make it classify 10x faster
- ☐ To make it train 10x faster
- ☒ There are 10 different labels
- ☐ Purely arbitrary

✓ Correct

5. What does Relu do?

1 / 1 point

- ☒ It only returns  $x$  if  $x$  is greater than zero
- ☐ For a value  $x$ , it returns  $1/x$
- ☐ It only returns  $x$  if  $x$  is less than zero
- ☐ It returns the negative of  $x$

✓ Correct

6. Why do you split data into training and test sets?

1 / 1 point

- ☐ To make training quicker
- ☐ To make testing quicker
- ☐ To train a network with previously unseen data
- ☒ To test a network with previously unseen data

✓ Correct

7. What method gets called when an epoch finishes?

1 / 1 point

- ☐ on\_epoch\_finished
- ☐ on\_end
- ☒ on\_epoch\_end
- ☐ On\_training\_complete

✓ Correct

8. What parameter do you set in your fit function to tell it to use callbacks?

1 / 1 point

- ☐ callback=
- ☐ oncallback=
- ☒ callbacks=
- ☐ oncallbacks=

✓ Correct