

Week 2 Quiz
 100% (10/10) (10/10) (10/10) (10/10) (10/10) (10/10) (10/10) (10/10) (10/10) (10/10)

Your grade: 100%
 You did 10/10 - You scored 100%
 You passed this quiz. See your quiz history on Coursera.

Next Question

- What does `fit_loss` mean?
☐ Mean Average Error
☐ Mean Absolute Error
☒ Mean Squared Error
☐ Mean Absolute Loss
☐ None
- What is the correct best of code to split an `xs` column vector and an `ys` column vector into `train` and `test` sets?
☐ `dataset = dataset.train_test_split(xs, ys, test_size=0.2)`
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☐ `dataset = dataset.train_test_split(xs, ys, test_size=0.2)`
☐ `dataset = dataset.train_test_split(xs, ys, test_size=0.2)`
☐ None
- If we want to inspect the learned parameters in a layer after training, which of the following is not?
☐ Run the model with test data and inspect the output for that layer.
☐ Decompile the model and inspect the parameter set for that layer.
☒ Adapt a utility to the layer and add it to the model using that utility. Report to properties after training.
☐ Iterate through the layers instead of the model to find the layer parameters.
☐ None
- If we want to control the learning rate of the optimizer so that it's after each epoch, what is not?
☐ Use `optimizer.trainable_variables` and assign that to the `optimizer.trainable_variables` property.
☐ Call `optimizer.trainable_variables` and change the `trainable_variables` property.
☒ Use `optimizer.trainable_variables` and assign that to the `optimizer.trainable_variables` property.
☐ None
- What does `train_loss` mean?
☐ Returns that loss on the training data on the loss history for training data.
☒ Returns that loss on the training data on the loss history for training data.
☐ Returns that loss on the training data on the loss history for training data.
☐ Returns that loss on the training data on the loss history for training data.
☐ None
- What does `fit_loss` mean?
☒ Mean Squared Error
☐ Mean Absolute Error
☐ Mean Squared Error
☐ Mean Absolute Error
☐ None
- If we have an `xs_train` series of values and we want to split the series into training and validation sets, what is the correct code?
☒ `xs_train = xs_train[:int(len(xs_train) * 0.8)]`
☐ `xs_train = xs_train[:int(len(xs_train) * 0.8)]`
☐ `xs_train = xs_train[:int(len(xs_train) * 0.8)]`
☐ `xs_train = xs_train[:int(len(xs_train) * 0.8)]`
☐ None
- How do you set the learning rate of the SGD optimizer?
☒ Use the `optimizer.trainable_variables` property.
☐ Use the `optimizer.trainable_variables` property.
☐ Use the `optimizer.trainable_variables` property.
☐ None
- What is `model.trainable_variables`?
☐ The trainable variables of a model.
☐ The trainable variables of a model.
☒ A list of trainable variables of a model.
☐ A list of trainable variables of a model.
☐ None