**Lesson 2 Quiz**

**TOTAL POINTS 3**

Question 1

Which of the following statements is true?

1 point

The learning rate does not significantly affect the speed of convergence of the stochastic gradient descent optimizer

Optimizers are implementations of general purpose gradient based algorithms for function minimization

An optimizer is always guaranteed to converge to the global minimum for any function

Using the same optimizer with the same hyperparameters always converges to the same solution

Question 2

Which of the following is needed to instantiate a gluon Trainer?

1 point

Model parameters

Optimization algorithm

Optimizer Hyperparameters

All of the above

Question 3

Which of the following code blocks need to be adjusted so that when executed sequentially, a single weight update step of stochastic gradient descent is done correctly?

1 point















