

Week 1 Quiz

LATEST SUBMISSION GRADE

100%

1.

Question 1

The diagram for traditional programming had Rules and Data In, but what came out?

1 / 1 point



Bugs



Answers



Machine Learning



Binary

Correct

2.

Question 2

The diagram for Machine Learning had Answers and Data In, but what came out?

1 / 1 point



Models



Binary



Rules



Bugs

Correct

3.

Question 3

When I tell a computer what the data represents (i.e. this data is for walking, this data is for running), what is that process called?

1 / 1 point



Labelling the Data



Programming the Data



Categorizing the Data



Learning the Data

Correct

4.

Question 4

What is a Dense?

1 / 1 point



A layer of disconnected neurons



A single neuron



Mass over Volume



A layer of connected neurons

Correct

5.

Question 5

What does a Loss function do?

1 / 1 point



Generates a guess



Decides to stop training a neural network



Measures how good the current 'guess' is



Figures out if you win or lose

Correct

6.

Question 6

What does the optimizer do?

1 / 1 point



Generates a new and improved guess



Measures how good the current guess is



Figures out how to efficiently compile your code



Decides to stop training a neural network

Correct

7.

Question 7

What is Convergence?

1 / 1 point



A dramatic increase in loss



The process of getting very close to the correct answer



A programming API for AI



The bad guys in the next 'Star Wars' movie

Correct

8.

Question 8

What does model.fit do?

1 / 1 point



It optimizes an existing model



It determines if your activity is good for your body



It trains the neural network to fit one set of values to another



It makes a model fit available memory

Correct