

Week 1 Quiz

Quiz, 8 questions

8/8 points (100%)



Congratulations! You passed!

Next Item



1 / 1
point

1.

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



Binary



Answers



Correct



Machine Learning



Bugs



1 / 1
point

2.

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



Rules



Correct



Bugs



Binary



Models

Week 1 Quiz ^{1/1} point

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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?



Labelling the Data

**Correct**

Programming the Data



Learning the Data



Categorizing the Data

1 / 1
point

4.

What is a Dense?



A layer of connected neurons

**Correct**

A layer of disconnected neurons



Mass over Volume



A single neuron

1 / 1
point

5.

What does a Loss function do?



Generates a guess



Measures how good the current 'guess' is



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- ☐ Decides to stop training a neural network
 - ☐ Figures out if you win or lose
-



1 / 1
point

6.

What does the optimizer do?

- ☐ Figures out how to efficiently compile your code
- ☒ Generates a new and improved guess



Correct

- ☐ Measures how good the current guess is
 - ☐ Decides to stop training a neural network
-



1 / 1
point

7.

What is Convergence?

- ☒ The process of getting very close to the correct answer



Correct

- ☐ A dramatic increase in loss
 - ☐ The bad guys in the next 'Star Wars' movie
 - ☐ A programming API for AI
-

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8.

What does model.fit do?

- ☐ It optimizes an existing model
- ☐ It makes a model fit available memory
- ☒ It trains the neural network to fit one set of values to another

Correct

- ☐ It determines if your activity is good for your body

