Week 1 Quiz
Quiz, 8 questions

7/8 points (87.50%)

✓ **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

◯ Models

◯ Binary

Week 1 Quiz 0 / 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?

◯ Learning the Data

This should not be selected

◯ Programming the Data

◯ Labelling the Data

◯ Categorizing the Data

✔ 1 / 1 point

4.
What is a Dense?

◯ A layer of disconnected neurons

◯ A layer of connected neurons

Correct

◯ A single neuron

◯ Mass over Volume

✔ 1 / 1 point

5.
What does a Loss function do?

◯ Figures out if you win or lose

◯ Measures how good the current 'guess' is

Week 1 Quiz
Correct

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○ Decides to stop training a neural network

○ Generates a guess

✔ 1 / 1
point

6.

What does the optimizer do?

○ Decides to stop training a neural network

○ Figures out how to efficiently compile your code

◉ Generates a new and improved guess
▲

Correct

○ Measures how good the current guess is

✔ 1 / 1
point

7.

What is Convergence?

○ The bad guys in the next 'Star Wars' movie

○ A dramatic increase in loss

○ A programming API for AI

◉ The process of getting very close to the correct answer
▲

Correct

Week 1 Quiz

1 / 1 point

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8.

What does model.fit do?

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

Correct

◯ It determines if your activity is good for your body

◯ It makes a model fit available memory

◯ It optimizes an existing model