Week 1 Quiz
Quiz, 8 questions

8/8 points (100.00%)

✓ **Congratulations! You passed!**

[Next Item]

✔ 1 / 1
point

1.
The diagram for traditional programming had Rules and Data In, but what came out?

○ Binary

○ Machine Learning

○ Bugs

◉ Answers

Correct

✔ 1 / 1
point

2.
The diagram for Machine Learning had Answers and Data In, but what came out?

○ Models

○ Bugs

○ Binary

◉ Rules

Correct

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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?

◯ Mass over Volume

◯ A single neuron

◯ A layer of connected neurons

▲

Correct

◯ A layer of disconnected neurons

✔ 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?

◉ Generates a new and improved guess

▲

Correct

○ Decides to stop training a neural network

○ Measures how good the current guess is

○ Figures out how to efficiently compile your code

✓　　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 determines if your activity is good for your body

○ It makes a model fit available memory

○ It optimizes an existing model

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

Correct