Week 1 Quiz

Quiz, 8 questions

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1.

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

○ Binary

○ Answers

○ Bugs

○ Machine Learning

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2.

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

○ Models

○ Binary

○ Rules

○ Bugs

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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?

○ Categorizing the Data

○ Programming the Data

○ Learning the Data

○ Labelling the Data

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1 point

4.

What is a Dense?

○ A layer of disconnected neurons

○ Mass over Volume

○ A layer of connected neurons

○ A single neuron

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1 point

5.

What does a Loss function do?

○ Generates a guess

○ Figures out if you win or lose

○ Measures how good the current 'guess' is

○ Decides to stop training a neural network

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1 point

6.

What does the optimizer do?

○ Decides to stop training a neural network

○ Measures how good the current guess is

○

Week 1 Quiz

Generates a new and improved guess

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1 point

7.

What is Convergence?

○ A programming API for AI

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

○ A dramatic increase in loss

○ The process of getting very close to the correct answer

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1 point

8.

What does model.fit do?

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

○ It optimizes an existing model

○ It determines if your activity is good for your body

○ It makes a model fit available memory

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