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?

○ Bugs

○ Models

○ Binary

○ Rules

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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

○ Learning the Data

Week 1 Quiz
Programming the Data

Quiz, 8 questions

○   Categorizing the Data

| 1 |
| point |

4.

What is a Dense?

○   A layer of disconnected neurons

○   A single neuron

○   Mass over Volume

○   A layer of connected neurons

| 1 |
| point |

5.

What does a Loss function do?

○   Decides to stop training a neural network

○   Measures how good the current 'guess' is

○   Generates a guess

○   Figures out if you win or lose

| 1 |
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6.

What does the optimizer do?

○   Decides to stop training a neural network

○   Generates a new and improved guess

○

Measures how good the current guess is

Week 1 Quiz

Quiz, 8 questions Figures out how to efficiently compile your code

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1 point

7.
What is Convergence?

○ A dramatic increase in loss

○ A programming API for AI

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

○ The process of getting very close to the correct answer

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1 point

8.
What does model.fit do?

○ It makes a model fit available memory

○ 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

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