

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

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Learning the Data

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☐ Labelling the Data

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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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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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6.

What does the optimizer do?

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

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Figures out how to efficiently compile your code

Generates a new and improved guess

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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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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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