



✓ **Congratulations! You passed!**

Next Item



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

1 / 1
point

- ☐ Binary
- ☐ Machine Learning
- ☒ Answers

Correct

- ☐ Bugs



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

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point

- ☐ Models
- ☐ Rules
- ☒ Binary

This should not be selected

- ☐ Bugs



1 / 1
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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
- ☒ Labelling the Data
- ☐ Learning the Data

Correct



1 / 1
point

4. What is a Dense?

- ☐ A single neuron
- ☒ A layer of connected neurons
- ☐ A layer of disconnected neurons
- ☐ Mass over Volume

Correct



1 / 1
point

5. What does a Loss function do?

- ☐ Generates a guess
- ☐ Decides to stop training a neural network
- ☐ Figures out if you win or lose
- ☒ Measures how good the current 'guess' is

Correct



6. What does the optimizer do?

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- ☐ Measures how good the current guess is
- ☒ Generates a new and improved guess

Correct

- ☐ Decides to stop training a neural network
- ☐ Figures out how to efficiently compile your code



7. What is Convergence?

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- ☐ 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

Correct



8. What does model.fit do?

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- ☐ It makes a model fit available memory
- ☐ It determines if your activity is good for your body
- ☐ It optimizes an existing model
- ☒ It trains the neural network to fit one set of values to another

Correct