

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?



Machine Learning



Answers

**Correct**

Binary



Bugs

1 / 1
point

2.

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



Rules

**Correct**

Models



Binary



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?

☐ Programming the Data☒ Labelling the Data**Correct**☐ Learning the Data☐ Categorizing the Data1 / 1
point

4.

What is a Dense?

☐ Mass over Volume☒ A layer of connected neurons**Correct**☐ A layer of disconnected neurons☐ A single neuron1 / 1
point

5.

What does a Loss function do?

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

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- ☐ Generates a guess
 - ☐ Figures out if you win or lose
-



1 / 1
point

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
 - ☐ Figures out how to efficiently compile your code
-

Correct



1 / 1
point

7.

What is Convergence?

- ☐ A dramatic increase in loss
 - ☒ The process of getting very close to the correct answer
 - ☐ A programming API for AI
 - ☐ The bad guys in the next 'Star Wars' movie
-

Correct

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8.

1 / 1 point

8/8 points (100.00%)

What does model.fit do?

- ☐ 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

- ☐ It determines if your activity is good for your body

