

Week 1 Quiz

Quiz, 8 questions

7/8 points (87.50%)



Congratulations! You passed!

Next Item



1 / 1
point

1.

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



Binary



Machine Learning



Answers



Correct



Bugs



0 / 1
point

2.

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



Models



Rules



Binary



This should not be selected



Bugs

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

Correct

- ☐ Learning the Data
-



1 / 1
point

4.

What is a Dense?

- ☐ A single neuron
- ☒ A layer of connected neurons

Correct

- ☐ A layer of disconnected neurons
 - ☐ Mass over Volume
-



1 / 1
point

5.

What does a Loss function do?

- ☐ Generates a guess
- ☐ Decides to stop training a neural network

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Figures out if you win or lose

Measures how good the current 'guess' is

7/8 points (87.50%)

Correct



1 / 1
point

6.

What does the optimizer do?

- ☐ Measures how good the current guess is
 - ☒ Generates a new and improved guess
 - ☐ Decides to stop training a neural network
 - ☐ Figures out how to efficiently compile your code
-



1 / 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
-

Correct

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8.

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point

7/8 points (87.50%)

What does model.fit do?

- ☐ 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

