

Week 1 Quiz

Quiz, 8 questions

8/8 points (100%)

Congratulations! You passed!

[Next Item](#)1 / 1
point

1.

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



Binary



Answers

**Correct**

Bugs



Machine Learning

1 / 1
point

2.

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



Bugs



Models



Rules

**Correct**

Binary

1 / 1
point

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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?

- ☐ Learning the Data
- ☐ Categorizing the Data
- ☐ Programming the Data
- ☒ Labelling the Data

Correct



1 / 1
point

4.

What is a Dense?

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

Correct



1 / 1
point

5.

What does a Loss function do?

- ☐ Generates a guess
- ☐ Figures out if you win or lose
- ☒ Measures how good the current 'guess' is

Correct

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6.

What does the optimizer do?



Generates a new and improved guess

**Correct**

Figures out how to efficiently compile your code



Decides to stop training a neural network



Measures how good the current guess is

1 / 1
point

7.

What is Convergence?



The bad guys in the next 'Star Wars' movie



A programming API for AI



The process of getting very close to the correct answer

**Correct**

A dramatic increase in loss

1 / 1
point

8.

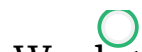
What does model.fit do?



It determines if your activity is good for your body



It optimizes an existing model



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It makes a model fit available memory

