Week-1 Quiz

Question 1

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

A. Answer

B. Machine Learning

C. Bugs

D. Binary

Question 2

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

A. Model

B. Binary

C. Bugs

D. Rules

Question 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?

A. Programming the Data

B. Categorizing the Data

C. Labelling the Data

D. Learning the Data

Question 4

What is a Dense?

A. A Mass over Volume

B. A layer of connected neurons

C. A single neuron

D. A layer of disconnected neurons

Question 5

What does a Loss function do?

A. Measures how good the current 'guess' is

B. Figures out if you win or lose

C. Decides to stop training a neural network

D. Generates a guess

Question 6

What does the optimizer do?

A. Figures out how to efficiently compile your code

B. Decides to stop training a neural network

C. Generates a new and improved guess

D. Measures how good the current guess is

Question 7

What is Convergence?

A. The bad guys in the next 'Star Wars' movie

B. A programming API for AI

C. A dramatic increase in loss

D. The process of getting very close to the correct answer

Question 8

What does model.fit do?

A. It makes a model fit available memory

B. It determines if your activity is good for your body

C. It trains the neural network to fit one set of values to another

D. It optimizes an existing model