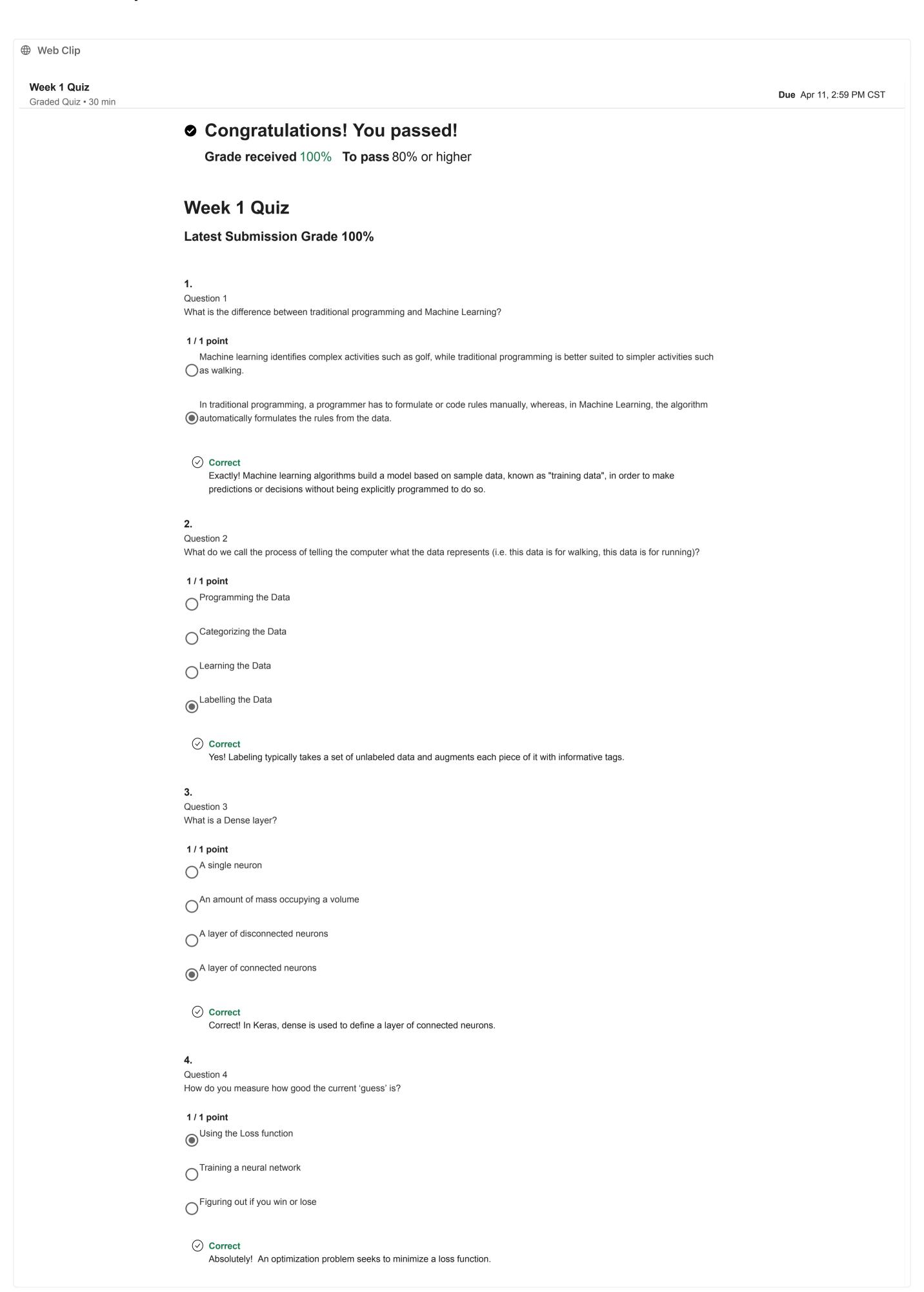
Week 1 Quiz | Coursera



5.
Question 5 What does the optimizer do?
what does the optimizer do:
1 / 1 point
Generates a new and improved guess
O Decides to stop training a neural network
Measures how good the current guess is
Figures out how to efficiently compile your code
Correct Nailed it! The optimizer figures out the next guess based on the loss function.
6.
Question 6 What is Convergence?
1 / 1 point
O ^A dramatic increase in loss
O ^A programming API for AI
The process of getting very close to the correct answer
An analysis that corresponds too closely or exactly to a particular set of data.
 ✓ Correct That's right! Convergence is when guesses get better and better closing to a 100% accuracy.
7.
Question 7 What does model.fit do?
1 / 1 point
Olt makes a model fit available memory
O ^{It optimizes an existing model}
It trains the neural network to fit one set of values to another
Olt determines if your activity is good for your body
Correct Correct! The training takes place on the fit command.