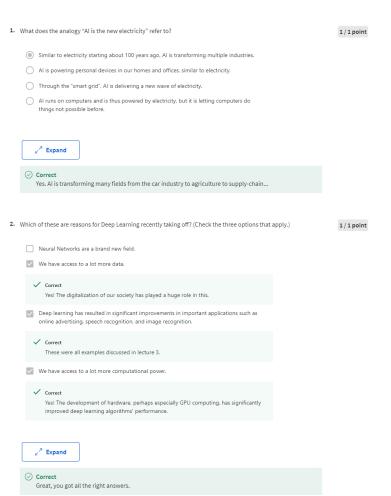
## Congratulations! You passed!

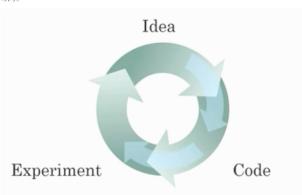
Grade received 100% Latest Submission Grade 100% To pass 80% or higher

Go to next item



3. Recall this diagram of iterating over different ML ideas. Which of the statements below are true? (Check all that apply.)

1/1 point



Improvements in the GPU/CPU hardware enable the discovery of better Deep Learning algorithms.

✓ Correct

Yes. By speeding up the iterative process, better hardware allows researchers to discover better algorithms.

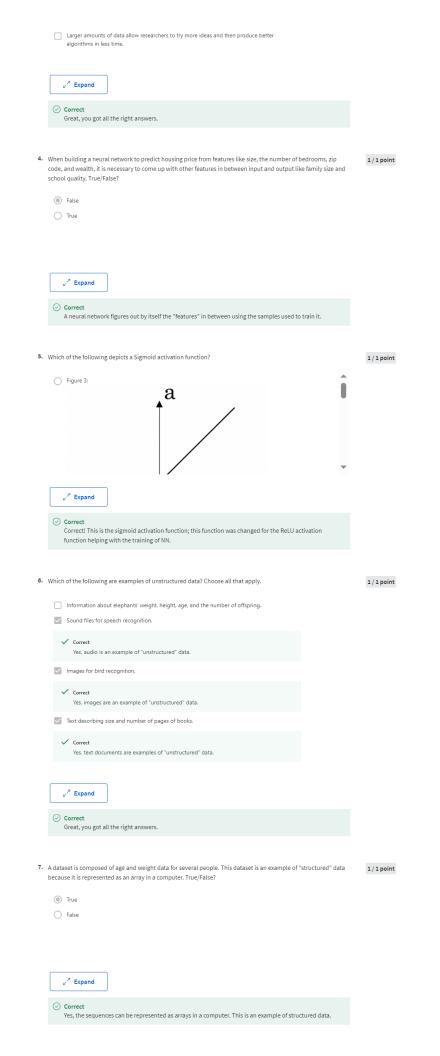
Better algorithms can speed up the iterative process by reducing the necessary computation time.

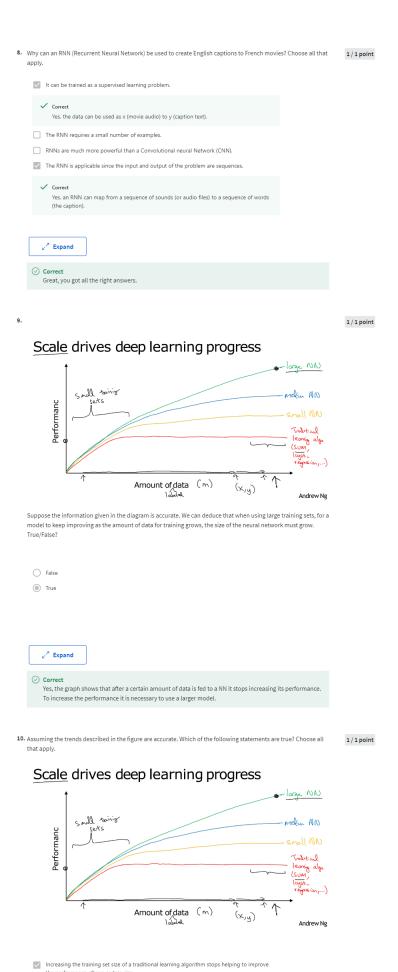
/ Correct

Yes. Recall how the introduction of the ReLU activation function helped reduce the time

needed to train a model.

 Better algorithms allow engineers to get more data and then produce better Deep Learning models.





Yes. After a certain size, traditional learning algorithms don't improve their performance.

Decreasing the training set size generally does not hurt an algorithm's performance, and it

may nerp significantly.

✓ Increasing the size of a neural network generally does not hurt an algorithm's performance, and it may help significantly.

✓ Correct

Yes. According to the trends in the figure above, big networks usually perform better than small networks.

☐ Increasing the training set size of a traditional learning algorithm always improves its performance.

Correct
 Great, you got all the right answers.