

✔ Congratulations! You passed!

Grade received 80%

Latest Submission Grade 80%

To pass 80% or higher

Go to next item

1. Which of the following are some aspects in which AI has transformed business?

1 / 1 point



↗ **Expand**

✔ **Correct**

Yes. AI has helped to make a fit between services or results and consumers or queries.

2. Which of the following play a major role to achieve a very high level of performance with Deep Learning algorithms?

0 / 1 point



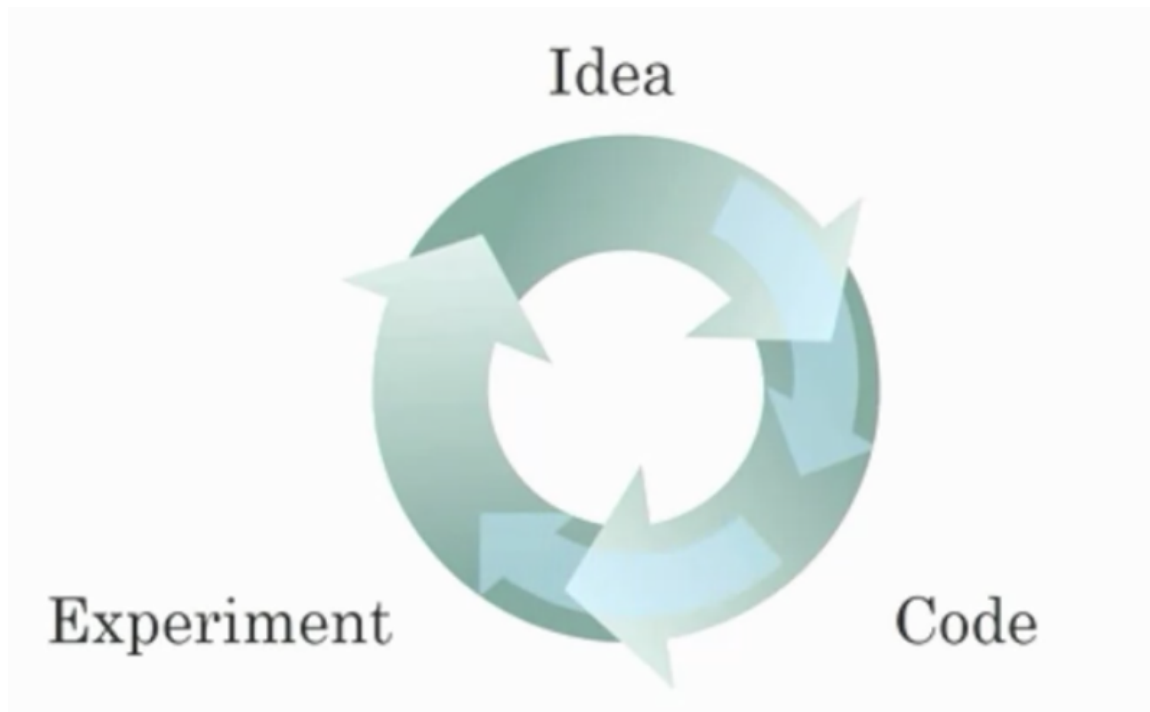
 **Expand**

 **Incorrect**

You didn't select all the correct answers

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

0 / 1 point



↗ **Expand**

⊗ **Incorrect**

You didn't select all the correct answers

4. When experienced deep learning engineers work on a new problem, they can usually use insight from previous problems to train a good model on the first try, without needing to iterate multiple times through different models. True/False?

1 / 1 point **Expand** **Correct**

Yes. Finding the characteristics of a model is key to having good performance. Although experience can help, it requires multiple iterations to build a good model.

5. Which one of these plots represents a ReLU activation function?

1 / 1 point **Expand** **Correct**

Correct! This is the ReLU activation function, the most used in neural networks.

6. Images for cat recognition is an example of “structured” data, because it is represented as a structured array in a computer. True/False?

1 / 1 point

 **Expand**

 **Correct**

Yes. Images for cat recognition are examples of “unstructured” data.

7. A dataset is composed of age and weight data for several people. This dataset is an example of "structured" data because it is represented as an array in a computer. True/False?

1 / 1 point

 **Expand**

 **Correct**

Yes, the sequences can be represented as arrays in a computer. This is an example of structured data.

8. Why can an RNN (Recurrent Neural Network) be used to create English captions to French movies? Choose all that apply.

1 / 1 point

 **Expand**



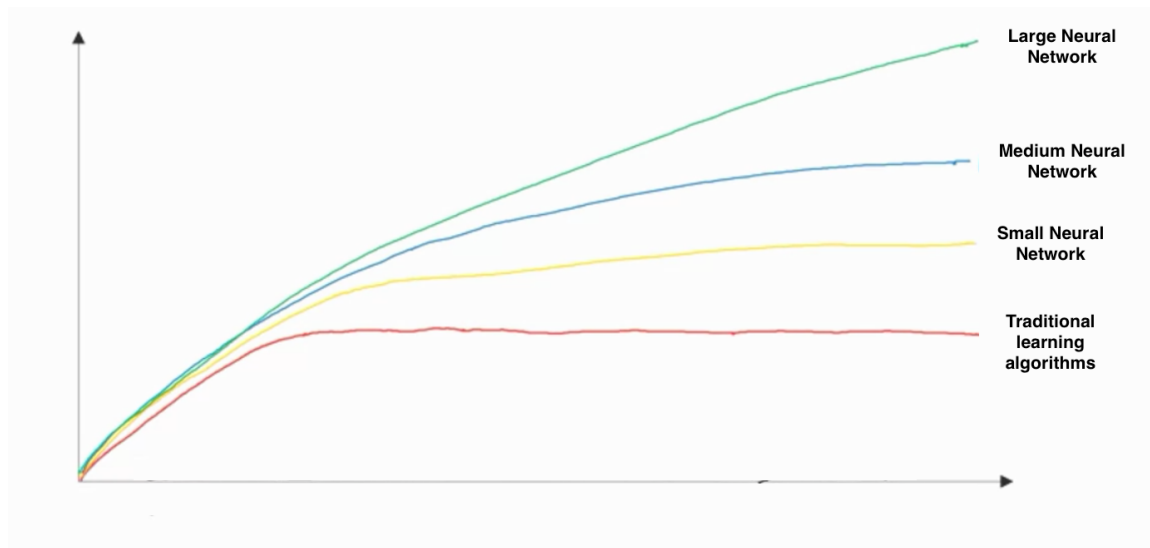
Correct

Great, you got all the right answers.

9.

1 / 1 point

In this diagram which we hand-drew in the lecture, what do the horizontal axis (x-axis) and vertical axis (y-axis) represent?



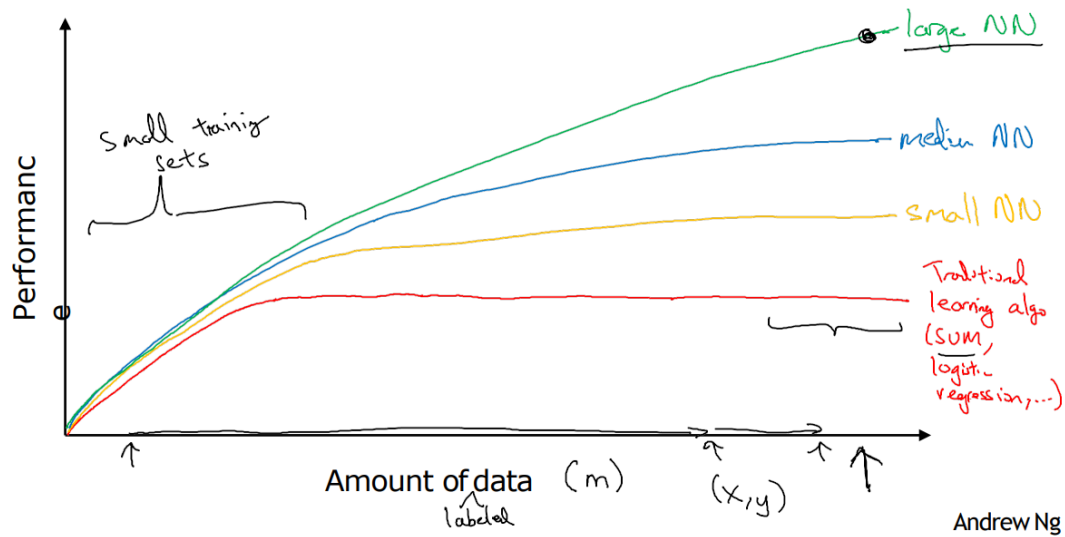
↗ Expand

✓ Correct

10. Assuming the trends described in the figure are accurate. Which of the following statements are true? Choose all that apply.

1 / 1 point

Scale drives deep learning progress



↗ Expand

✓ Correct

Great, you got all the right answers.