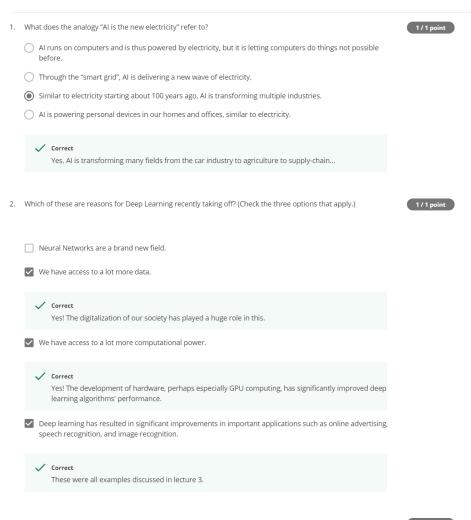
GRADE 90%

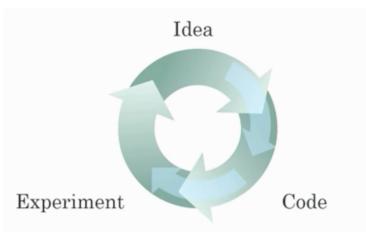
Introduction to deep learning

latest submission grade 90%

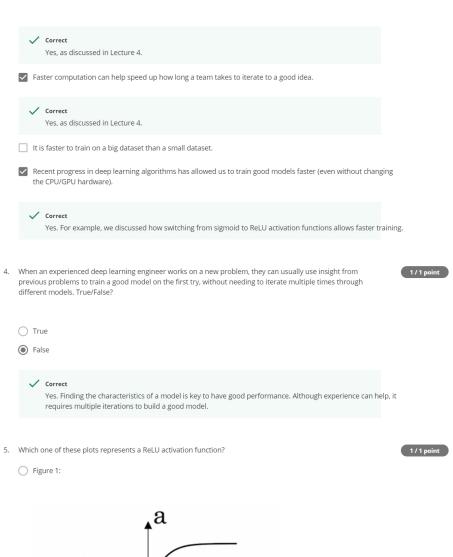


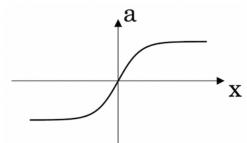
3. Recall this diagram of iterating over different ML ideas. Which of the statements below are true? (Check all that apply.)





Being able to try out ideas quickly allows deep learning engineers to iterate more quickly.





O Figure 2:

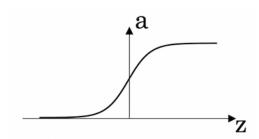
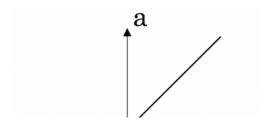
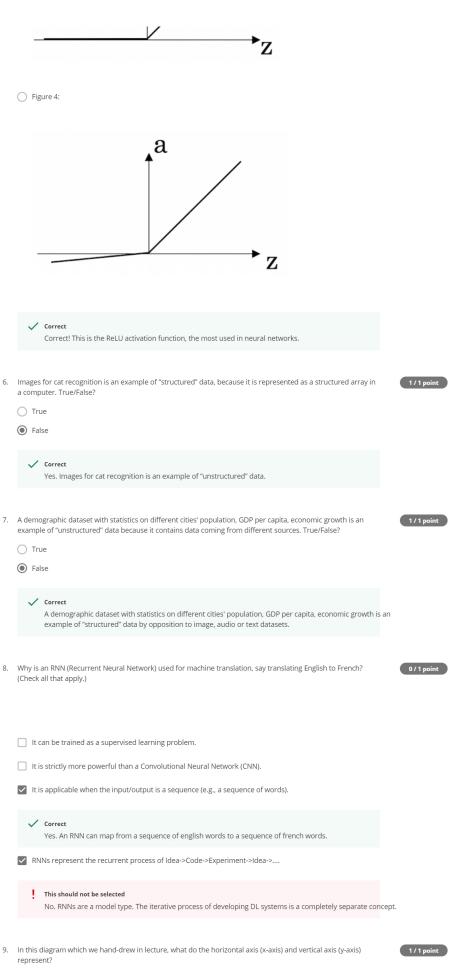


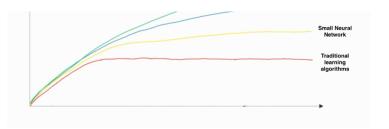
Figure 3:





represent?





- x-axis is the amount of data
 - y-axis is the size of the model you train.
- x-axis is the input to the algorithm
 - y-axis is outputs.
- x-axis is the amount of data
 - y-axis (vertical axis) is the performance of the algorithm.
- x-axis is the performance of the algorithm
 - y-axis (vertical axis) is the amount of data.



10. Assuming the trends described in the previous question's figure are accurate (and hoping you got the axis labels right), which of the following are true? (Check all that apply.) $\,$

Increasing the training set size generally does not hurt an algorithm's performance, and it may help significantly.

✓ Correct

Yes. Bringing more data to a model is almost always beneficial.

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.

- significantly.