

Congratulations! You passed!

Grade received~90%

⊘ Correct

Great, you got all the right answers.

Latest Submission Grade 90%

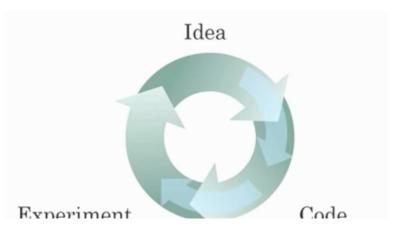
To pass 80% or higher

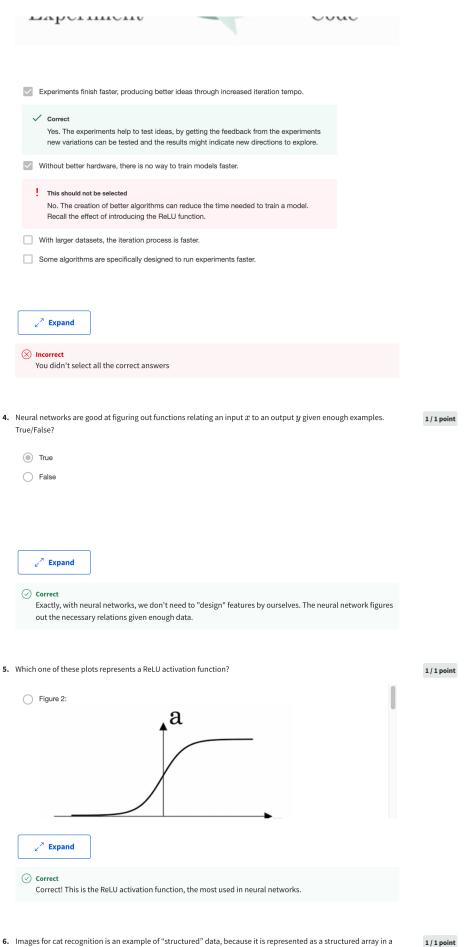
Go to next item

1.	Which of the following best describes the role of AI in the expression "an AI-powered society"?	1/1 point
	 Al is an essential ingredient in realizing tasks, in industry and in personal life. Al helps to create a more efficient way of producing energy to power industries and personal devices. 	
	Al controls the power grids for energy distribution, so all the power needed for industry and in daily life comes from Al.	
	∠ ⁷ Expand	
	Orrect In an Al-powered society Al plays a fundamental role to complete most tasks, in industry and personal life.	
2.	Which of these are reasons for Deep Learning recently taking off? (Check the three options that apply.)	1/1 point
	Neural Networks are a brand new field. We have access to a lot more computational power.	
	✓ Correct Yes! The development of hardware, perhaps especially GPU computing, has significantly improved deep learning algorithms' performance.	
	✓ We have access to a lot more data.	
	✓ Correct Yes! The digitalization of our society has played a huge role in this.	
	Deep learning has resulted in significant improvements in important applications such as online advertising, speech recognition, and image recognition.	
	✓ Correct These were all examples discussed in lecture 3.	
	_∠ ^ス Expand	

3. Recall the diagram of iterating over different ML ideas. Which of the stages shown in the diagram was improved with the use of a better GPU/CPU?

0 / 1 point

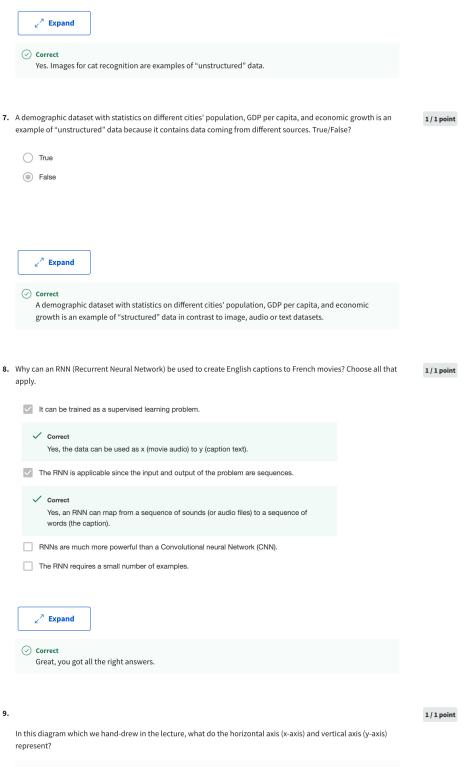


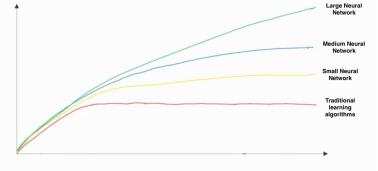


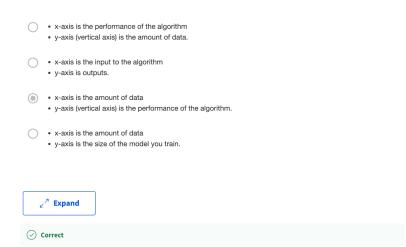
• Images for cat recognition is an example of "structured" data, because it is represented as a structured array in a computer. True/False? 1 / 1 point

False

O True



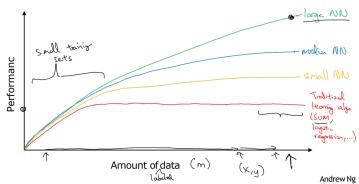




10. Assuming the trends described in the figure are accurate. The performance of a NN depends only on the size of the NN. True/False?

1/1 point

Scale drives deep learning progress



False

○ True



✓ Correct

Yes. According to the trends in the figure above, It also depends on the amount of data.