Lecture 1 Quiz

Quiz, 6 questions

Congratulations! You passed!

Next Item



1. We often don't know how much data we will need in order for a learning system to generalize well from training data to test data on a given task.

1/1 point

True or false: when choosing how much data to give to a learning system in order to make it generalize well, we need to make sure that we don't give it *too much* data.



False

Correct

True



2. Data can change over time, in particular we might observe different input/output relationships. In order to account for this we can adapt our learning system to the new data by, for example, training on new examples.

1/1 point

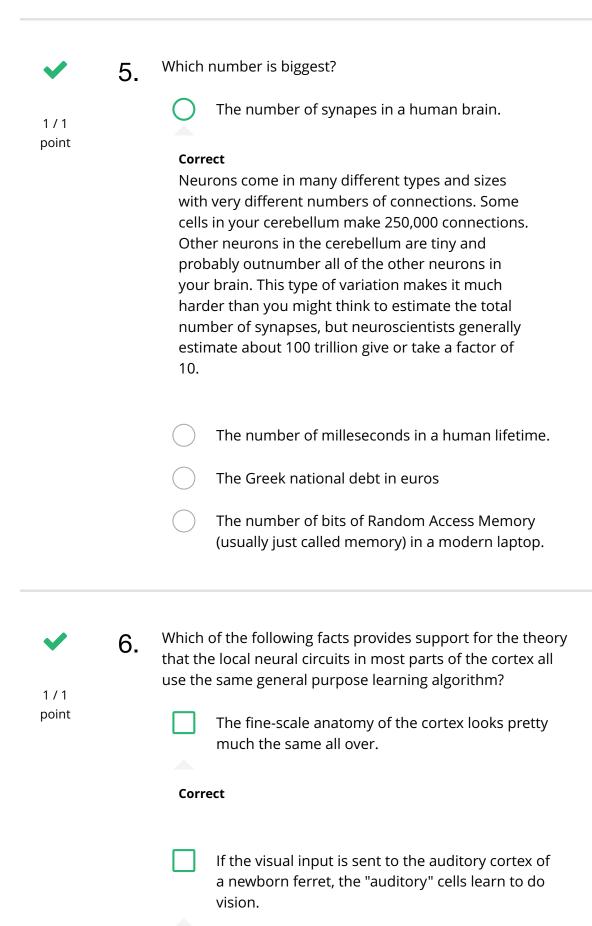
> If the relationship between inputs and outputs for old examples has not changed, how can we prevent a neural network from forgetting about the old data?

Ignore the issue and hope that everything will be OK.

Un-selected is correct

	Train two networks, one for old data and one for new data.			
Un-selected is correct				
Corre	Train on a mix of old and new data.			
	Prevent the system from changing the weights too much.			
Corr	ect			
V U .	of the following are good reasons for why we are sted in unsupervised learning?			
1/1 point	It allows us to learn from vast amounts of unlabelled data.			
Correct				
	It lets us avoid supervised learning entirely.			
Un-selected is correct				
	It allows academic researchers to publish more papers.			
Un-s	elected is correct			

		It can be used to learn features that may help with supervised tasks. Correct
1/1 point	4. ^w	/hich of the following tasks are neural networks good at? Storing lists of names and birth dates.
point		Un-selected is correct
		logical reasoning
		Un-selected is correct
		Correct Neural networks are good at finding statistical regularities that allow them to recognize patterns. They are not good at flawlessly applying symbolic rules or storing exact numbers.
		Recognizing fragments of words in a preprocessed sound wave. Correct Neural networks are good at finding statistical regularities that allow them to recognize patterns. They are not good at flawlessly applying symbolic rules or storing exact numbers.



Corre	ect
Corre	If part of the cortex is removed early in life, the function that it would have served often gets relocated to another part of cortex.
Un-se	Brain scans show that different functions (like object recognition and language understanding) are located in different parts of the cortex.





