Congratulations! You passed!

Grade received 100% To pass 80% or higher

Go to next item

1. Classification allows you to identify similarity between two things while siamese networks allow you to categorize	1/1 point
things.	
False	
⊘ Correct	
Correct.	
2. Do the two subnetworks in a siamese network share the same parameters?	1/1 point
Yes	
○ No	
⊙ Correct	
Correct.	
3. When training a siamese network to identify duplicates, which pairs of questions from the following questions do you expect to have the highest cosine similarity?	1/1 point
you expect to have the migrest coarse annually .	
Is learning NLP useful for me to get a job? (ANCHOR)	
What should I learn to get a job? (POSITIVE)	
Where is the Job? (NEGATIVE)	
Anchor, Positive	
O Anchor, Negative	
Negative, Positive	
⊘ Correct	
Correct.	
4. In the triplet loss function below, will decreasing the hyperparameter alpha from 0.5 to 0.2 require more, or less,	1/1 point
optimization during training ? $\mathrm{diff} = \mathrm{s}(A,N) - \mathrm{s}(A,P)$	
$\mathcal{L}(A, P, N) = \max(diff + \alpha, 0)$	
(20) 2 (21) month(0) (1 + 00) (1)	
Less	
○ More.	
⊘ Correct	
Correct. Alpha is the margin, so the smaller it is the less you have to optimize.	
5. The orange square below corresponds to the similarity score of question duplicates?	1/1 point
0.7 -0.6 -0.4	
-0.6 0.4 0.1	
-0.4 0.1 0.5	
○ True	
False	
 Correct Correct. They correspond to non question duplicates. 	
 What is the closest negative in this set of numbers assuming a duplicate pair similarity of 0.6? 	1/1 point
[-0.9,-0.4,0.4, 0.8]	
2	
○ -0.9 ○ -0.4	
0.4	
0.8	
⊙ Correct	
Correct.	
 In one shot learning, is any retraining required when new classes are added? For example, a new bank customer's signature. 	1/1 point

O Yes

•	No	
Q	Correct	
8. Dur	ing training, you have to update the weights of each of the subnetworks independently.	1/1 point
		1/1 point
_	False. True.	
0	True.	
0	Correct Correct. You update the same weight.	
	mean negative is defined as the closest off-diagonal value to the diagonal in each row (excluding the	1/1 point
diag	gonal).	
0	True	
•	False	
0	Correct	
	Correct.	
10. In w	what order are Siamese networks performed in lecture?	1/1 point
(0)	Convert each input into an array of numbers	
	2. Feed arrays into your model	
	3. Compare $v1, v2$ using cosine similarity	
	4. Test against a threshold	
0	1. Convert each input into an array of numbers	
	2. Feed arrays into your model	
	3. Run logistic regression classifier	
	Classify by using the probability	
0	1. Convert each input into an array of numbers	
	2. Feed arrays into your model	
	3. Run soft-max classifier for all classes	
	Take the arg-max of the probabilities	
0	1. Convert each input into an array of numbers	
	Feed arrays into your model	
	 3. Compare v1, v2 using euclidean distance 4. Test against a threshold 	
	7. rescagamenta un esmolu	
0	Correct Correct.	
	conect.	