받은 학점 100% **최신 제출물 학점** 100% **통과 점수:** 80% 이상

다음 항목으로 이동

1.	Which of the following are true about hyperparameter search?	1/1점
	 When sampling from a grid, the number of values for each hyperparameter is larger than when using random values. 	
	When using random values for the hyperparameters they must be always uniformly distributed.	
	Choosing values in a grid for the hyperparameters is better when the number of	
	hyperparameters to tune is high since it provides a more ordered way to search. (a) Choosing random values for the hyperparameters is convenient since we might not know in	
	advance which hyperparameters are more important for the problem at hand.	
	₹ 더보기	
	⊘ 맞습니다	
	Correct. Different problems might be more sensitive to different hyperparameters.	
	If it is only possible to tune two parameters from the following due to limited computational resources. Which two would you choose?	1/1점
	$igcap_1,eta_2$ in Adam.	
	$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	
	$igspace{\begin{tabular}{cccccccccccccccccccccccccccccccccccc$	
	 Correct Correct. This hyperparameter can increase the speed of convergence of the training, thus 	
	is worth tuning. $^{\!$	
	Correct. Correct. This might be the hyperparameter that most impacts the results of a model.	
	₹ 日보기	
	 맞습니다 Great, you got all the right answers. 	
	,,	
3.	Using the "Panda" strategy, it is possible to create several models. True/False?	1/1점
	⑥ True	
	₹ 더보기	
	 	
	start again to produce a different one.	
4.	If you think β (hyperparameter for momentum) is between 0.9 and 0.99, which of the following is the recommended way to sample a value for beta?	1/1점
	(iii) r = np.random.rand()	
	beta = 1-10**(- r - 1)	
	r = np.random.rand() beta = 1-10**(- r + 1)	
	r = np.random.rand() beta = r*0.09 + 0.9	
	r = np.random.rand() beta = r*0.9 + 0.09	
	₹ 대보기	
	⊘ 멎습니다	
5.	Once good values of hyperparameters have been found, those values should be changed if new data is added or a	1/1점
	change in computational power occurs. True/False?	
	① True	
	○ False	
	₹ 더보기	
	⊘ श्रुवपा	
	orrect. The choice of some hyperparameters such as the batch size depends on conditions such as hardware and quantity of data.	
6.	When using batch normalization it is OK to drop the parameter $W^{(i)}$ from the forward propagation since it will \triangleq	1/1점
	be subtracted out when we compute $\hat{z}_{ m normalize}^{[l]}=eta^{[l]}\hat{z}^{[l]}+\gamma^{[l]}$. True/False?	
	○ True	
	False	
	√ 더보기	
	\odot 맞습니다 Correct. The parameter $W^{[l]}$ doesn't get subtracted during the batch normalization process, although it	
	gets re-scaled.	

