← Practical aspects of deep learning Quiz, 10 questions

✓ Congratulations! You passed! Next Item $1. \quad \text{If you have 10,000,000 examples, how would you split the train/dev/test set?}$ 1/1 points 33% train . 33% dev . 33% test 98% train . 1% dev . 1% test Correct 60% train . 20% dev . 20% test The dev and test set should: 1/1 points Come from the same distribution Correct Come from different distributions Be identical to each other (same (x,y) pairs) Have the same number of examples



The process of gradually decreasing the learning rate during training.

Gradual corruption of the weights in the neural network if it is trained on noisy data.

A regularization technique (such as L2 regularization) that results in gradient descent shrinking the weights on every iteration.

Correct

A technique to avoid vanishing gradient by imposing a ceiling on the values of the weights.



What happens when you increase the regularization hyperparameter lambda?

1/1 points Weights are pushed toward becoming smaller (closer to 0)

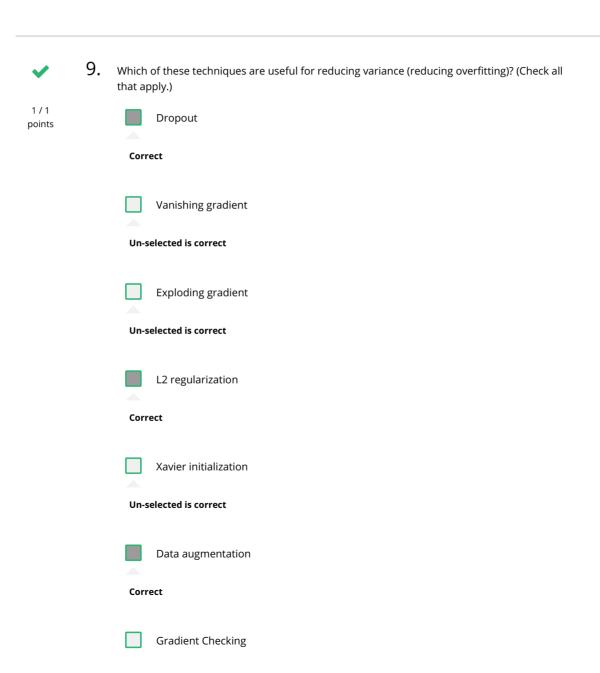
Correct

Weights are pushed toward becoming bigger (further from 0)

Un-selected is correct

10/10 points (100%)

Correct



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