Activation Functions and Optimizers - Quiz

Total points 2/5

Have a break, Have a Quiz!!! :)

Email *

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✓ In most of the tasks, which activation function is used in a model (not the activation function at the last layer) * 1/1

- (●) ReLU ✓
- ( ) Sigmoid
- ( ) TanH

Shaastra ID *

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✗ Why is momentum faster than normal gradient descent? * 0/1

- ○ Momentum calculates the minima and directly jumps to the minima
- ○ Momentum helps the gradient move towards the minima faster by averaging out the gradient values and hence smoothening the gradient path
- ◉ Momentum accelerates by automatically choosing the best learning rate and hence helps it go faster ✗

Correct answer

- ◉ Momentum helps the gradient move towards the minima faster by averaging out the gradient values and hence smoothening the gradient path

✗ Adam is a combination of which 2 optimisers? * 0/2

- ☐ RMSProp
- ☑ Stochastic Gradient Descent ✗
- ☑ Momentum ✓
- ☐ NAG

Correct answer

- ☑ RMSProp
- ☑ Momentum

✓ The sigmoid activation function is used for * 1/1

- ○ Multi Class Classification Task
- ○ Regression task
- ◉ Binary Classification Task ✓

Name *

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