English ▼

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Neural Networks: Test Your Knowledge 🗆 -

Let's do a quick test! You must answer at least 4 questions correctly to pass this quiz.



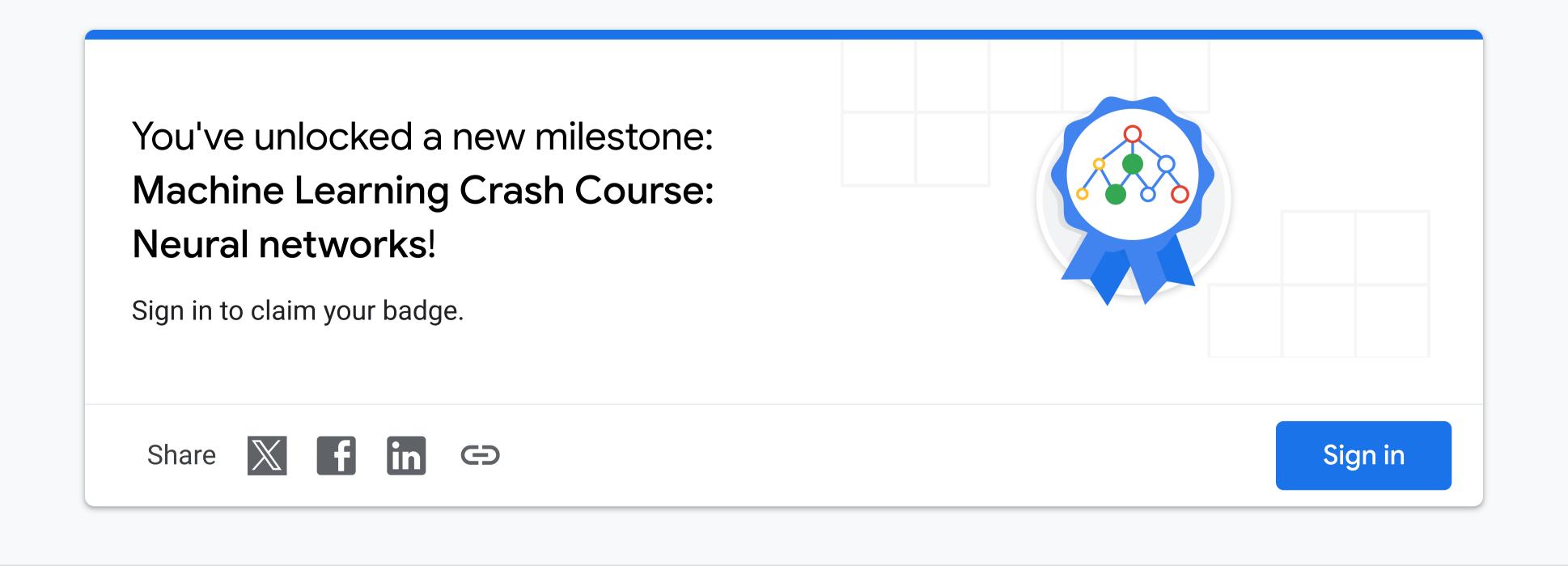
Q Search

Activation functions (i) Nonlinear feature interactions (ii) Nonlinear feature interactions (iii) Nonlinear feature interactions (iii) The loss function 2. Evaluate this expression: ReLU(-3) (iii) When the input to the ReLU function is a negative number, the output is 0. (iii) When the input to the ReLU function is a negative number, the output is 0. (iii) 9 3. Fill in the blank in the following sentence: A linear model is commonly trained using gradient descent. Neural networks additionally also use the algorithm. (iii) Sigmoid (iii) Hidden layers (iii) Activation functions (iii) Backpropagation (iii) Backpropagation is the most common algorithm used to train neural networks training. 4. True or False: Lowering the learning rate can help prevent exploding gradient during neural network training. (iii) True (iii) Lowering the learning rate is indeed a strategy that can be effective in preventing explogradients. It can also help prevent dead ReLU units. (iii) False 5. You are training an image classifier model to predict a dog's breed(s) from a of the dog, using a list of pure-breed classes provided by the international FCL tregistry. The model should successfully classify both pure-breed dogs and mixed breed dogs. Which type of classification model should you use? (iii) Binary classification (iii) One-vsall is a good choice here, as it will independently predict a probability for each class to such breed (e.g., 1 and individual configuration with enable the model predicts for ibandoi, the lower the probability the model predicts for ibandoi, the lower the probability for each class to such the rode (e.g., 1 and ibandoir, the lower the probability for each class to such the rode (e.g., 1 and ibandoir, the lower the probability for each class to such the rode (e.g., 1 and ibandoir, the lower the probability for each class to such the rode (e.g., 1 and ibandoir, the lower the probability for each class to such the rode (e.g.) and ibandoir, the lower the probability for each class (e.g	/ A ativa	tion functions	
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Results

None of the above

You scored 5 out of 5. Congratulations! You have passed this quiz.



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