Quiz-2

Due Sep 5 at 23:59 **Points** 5 **Questions** 10 **Available** Sep 4 at 19:00 - Sep 5 at 23:59 1 day

Time Limit 30 Minutes

Instructions

- 1) The quiz will be enabled for 24 hours
- 2) Quiz will have 10 questions in total
- 3) Students will have one attempt
- 4) Quiz duration will be for 30 Minutes

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	9 minutes	5 out of 5

① Correct answers will be available on Sep 6 at 0:00.

Score for this quiz: 5 out of 5

Submitted Sep 5 at 10:43

This attempt took 9 minutes.

Question 1 0.5 / 0.5 pts

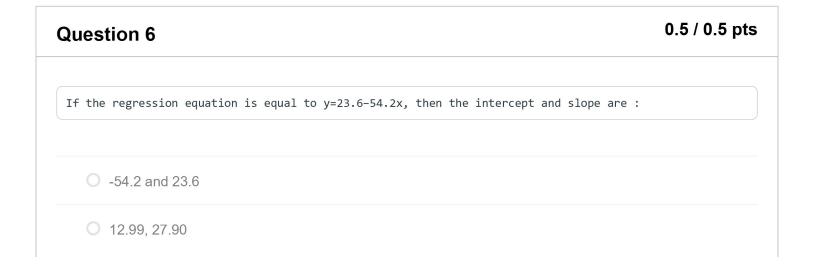
	a 3 inputs has the weight vector $[0.6$ -0.1 $0.1]$ and a bias θ = 0. vector is X = $[0.2$ 0.4 $0.2]$ then the total input to the neuron is:	
0.015		
0 0		
0 1		
0 .1		

Question 2	0.5 / 0.5 pts
In Neural networks the training time is independent of the size of the network.	
O True	
False	

Question 3	0.5 / 0.5 pts
Consider a perceptron model with two inputs $[x1, x2] = [0.05 \ 0.1]$ and the corresponding weight $[w1, w2] = [20, 10]$. Considering the bias on output activation unit as $b = -2$, the value of the outp with sigmoid activation is	
O 0.25	
0.392	
0.293	
0.5	

Question 4 0.5 / 0.5		
Boosting is a method improving a model by combining independent strong learners		
O True		
False		

Question 5	0.5 / 0.5 pts
Boosting is a method improving a model by combining independent strong learners	
\odot Sum of the square of residuals (\sum (Y-h(X))2) is minimum	
\bigcirc Sum of the absolute value of residuals ($\sum Y-h(X) $) is maximum	
O Sum of residuals $(\sum (Y - h(X)))$ is minimum	
Sum of residuals (∑(Y – h(X))) is maximum	



23.6 and -54.2



Question 8

Which of the following is not a hyperparameter in Neural Networks.

•	bias
0	learning rate
0	No. of hidden layers
0	epochs

0.5 / 0.5 pts

Question 10	0.5 / 0.5 pts
 Backpropagation transfers the error information from the end of the neural networs inside the network. Forward propagation transfers the error information from the end of the neural neights inside the network. 	
Statement 1 is true and Statement2 is false	
O Both Statements are false	
O Both Statements are true	
O Statement2 is true Statement1 is false	

Quiz Score: 5 out of 5