ED5340:Data Science: Theory and practice

LAB 14: NEURAL NETWORKS - PART A

Done

Opened: Wednesday, 24 April 2024, 3:00 PM
Due: Wednesday, 24 April 2024, 6:00 PM

Implement the forward propagation for a two hidden layer network for m-samples, n-features as we discussed in class. Initialize the weights randomly. Use the data from the previous labs like logistic regression. You can choose the number of neurons in the hidden layer and use sigmoid activation function.Report the evaluation metrics for the network. Also use other non-linear activation functions like ReLU and Tanh. Report the loss using both MSE and Cross Entropy.

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Submission status

Submission status	Submitted for grading
Grading status	Graded
Time remaining	Assignment was submitted 17 mins 52 secs early
Last modified	Wednesday, 24 April 2024, 5:42 PM
File submissions	AM23M022_LAB14_PART1_24_04_2024.py24 April 2024, 5:42 PM
Submission comments	Comments (0)

Feedback

Grade	9.00 / 10.00
Graded on	Saturday, 1 June 2024, 10:55 PM
Graded by	eN ed19b022 N R GOKULA KRISHNA

◄ CW9: 22/04/2024

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LAB 14: NEURAL NETWORKS - PART B ►