

Practice quiz: Multiclass Classification

Graded Quiz • 30 min

Due Feb 5, 11:59 PM EET

■ Item Navigation Congratulations! You passed!

Grade received 100%

Practicesquizsi Multiclass Classification

Quiz • 30 Topass 80% or higher

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Submit your assignment

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Try again

1. 1/1 point

To Pass

Softmax regression (4 possible outputs)

$$z_1 = \vec{w}_1 \cdot \vec{x} + b_1$$
 $z_1 = \vec{w}_1 \cdot \vec{x} + b_1$
 $z_2 = \frac{e^{z_1}}{e^{z_1} + e^{z_2} + e^{z_3} + e^{z_4}}$

$$= P(y = 1|\vec{x})$$
 0.30

Your g
$$c_1 = c_2 = c_2 = c_3 + c_4 = c_2 = c_2 = c_3 + c_4 = c_4 = c_2 = c_3 + c_4 = c_4$$

$$= P(y = 2|\vec{x}) \circ 20$$

$$\mathbf{z_3} = \vec{\mathbf{w}_3} \cdot \vec{\mathbf{x}} + b_3$$

