

Practice quiz: Classification with logistic regression

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Graded Assignment • 30 min



English ▾

Due Apr 27, 11:59 PM PDT

1. Which is an example of a classification task?

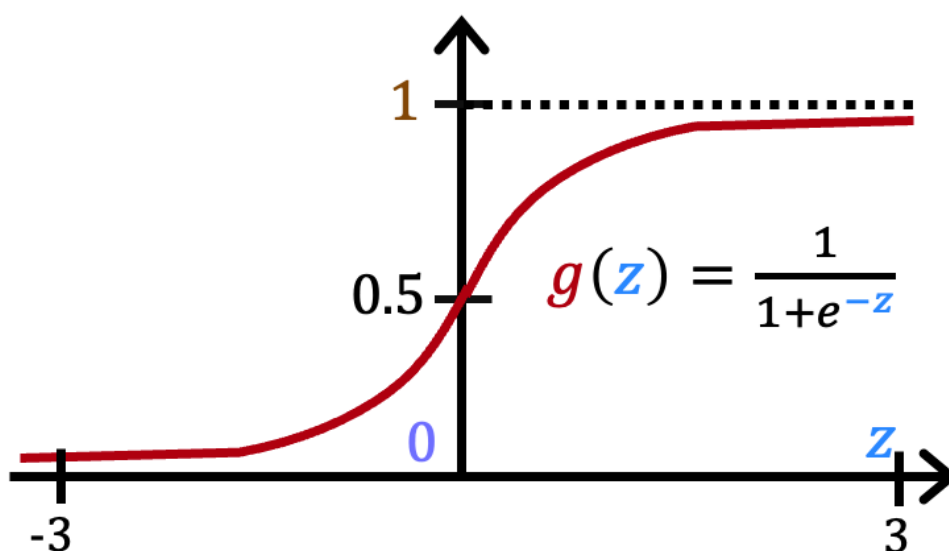
1 point

- ☐ Based on a patient's blood pressure, determine how much blood pressure medication (a dosage measured in milligrams) the patient should be prescribed.
- ☐ Based on the size of each tumor, determine if each tumor is malignant (cancerous) or not.
- ☐ Based on a patient's age and blood pressure, determine how much blood pressure medication (measured in milligrams) the patient should be prescribed.

2. Recall the sigmoid function is $g(z) = \frac{1}{1+e^{-z}}$

1 point

sigmoid function

If z is a large positive number, then:

- ☐ $g(z)$ will be near zero (0)
- ☐ $g(z)$ is near one (1)
- ☐ $g(z)$ is near negative one (-1)