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Assignment: Logistic Regression

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Tutorial for ex2: predict()

Tom Mosher · Mentor · 3 months ago · Edited



This is logistic regression, so the hypothesis is the sigmoid of the product of X and θ .

Logistic prediction when there are only two classes uses a threshold of ≥ 0.5 to represent 1's and < 0.5 to represent a 0.

Here's an example of how to make this conversion in a vectorized manner. Try these commands in your workspace console, and study how they work:

```
1 v = rand(10,1) % creates some random values between 0 and 1
2 v >= 0.5 % performs a logical comparison on each value
```

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