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Assignment: Logistic Regression

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Tutorial for ex2: predict()

Tom Mosher · Mentor · Week 3 · 2 years ago · Edited

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

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
```

Inside your predict.m script, you will need to assign the results of this sort of logical comparison to the 'p' variable. You can use "p = " followed by a logical comparison inside a set of parenthesis.

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