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Tutorial for polyFeatures()



Tom Mosher · Mentor · Week 6 · 2 years ago

There are a couple of different methods that work for the polyFeatures() function.

One is to use the bsxfun() function, with the @power operator, like this:

```
1 X_poly = bsxfun(@power, vector1, vector2)
```

... where vector1 is a column vector of the feature values 'X', and vector2 is a row vector of exponents from 1 to 'p'.

Other options involve using the element-wise exponent operator '.^', and converting both X and the vector of exponent values into equal-sized matrices by multiplying each by a vectors of all-ones.

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