Machine Learning - Homework 3

Logistic Regression with Regularization

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1. What did you finish?

>We finished the whole homework. We implemented logistic regression with regularization and 5-fold cross validation. We performed feature transformation to various features, 5, 7, and 10. Finally we computed the error measure.

2. What python version

>We used python 3.8

3. What platform did you use

>Yaffa used windows and Rubiya used a Mac

4. Resources that helped me

>https://www.askpython.com/python/examples/logistic-regression-from-scratch

>https://scikit-learn.org/stable/modules/generated/sklearn.model_selection.KFold.html

>https://machinelearningmastery.com/polynomial-features-transforms-for-machine-learning/

>We had helpful conversations on the class chat about the loss function and regularization