

Homework 2
Due March 4, 2016

- Q1. Problem 10.1 in [1].
- Q2. Problem 10.5 in [1].
- Q3. Problem 15.1 in [1].
- Q4. Problem 15.4 in [1].
- Q5. Implement logistic regression for multivariate classification for the MNIST dataset.
- Q6. (Optional) Implement a tree to predict median value of house for the dataset
<https://archive.ics.uci.edu/ml/datasets/Housing>

References

- [1] Trevor Hastie, Robert Tibshirani, and Jerome Friedman. *The elements of statistical learning*. Springer, New York, 2009.