MSSC 6250 Machine Learning Homework 3

Bayesian Regression, Logistic Regression, Generative Models

Dr. Cheng-Han Yu

- Deadline: **Friday, April 7 11:59 PM**

- Homework presentation date: **Tuesday, April 11**

- Please submit your work in **one PDF** file to **D2L** > **Assessments** > **Dropbox**. *Multiple files or a file that is not in pdf format are not allowed.*

- Any relevant code should be attached.

- Read **ISL** Chapter 4.

Exercises required for all students

1. **ISL** Sec. 4.8: 2

2. **ISL** Sec. 4.8: 3

3. **ISL** Sec. 4.8: 5

4. **ISL** Sec. 4.8: 7

5. **ISL** Sec. 4.8: 10

6. **ISL** Sec. 4.8: 13

7. **ISL** Sec. 4.8: 14

Exercises required for MSSC PhD students

1. **ISL** Sec. 4.8: 4

2. **ISL** Sec. 4.8: 11

3. **ISL** Sec. 4.8: 16

4. In 250 words, summarize of what you learned in the deep learning workshop.

No more optional exercises because no one tried any in the previous two homework sets. Reach out to me if you love to study more machine learning problems.