SDSC 3006 Fundamentals of Machine Learning I
Semester A 2022/23

General Information

- Instructor: Dr. Li ZENG
  Email: lizeng@cityu.edu.hk
- Lecture time: Thursday 6:00 – 8:50 PM
  Office hour: Thursday 4:00 – 5:00 PM (by appointment)
- Teaching mode: Real-time online via Zoom (Lectures) and F2F (Labs)
- Teaching Assistants:
  - L01: LIU Langming (langmiliu2-c@my.cityu.edu.hk)
  - L02: LIU Yiren (yirenliu2-c@my.cityu.edu.hk)
  - Grading: LIU Peilin (peilinliu4-c@my.cityu.edu.hk)
- Textbook: *An Introduction to Statistical Learning*, 2nd edition, by James, Witten, Hastie, and Tibshirani, Springer
- Software: This course will use R (freeware) for analyzing data. An introduction of R will be provided in the first lab session. You may use other software (e.g., Python, SAS, Matlab) for homework.

Homework Assignments

- There will be three homework assignments to be collected and graded. Homeworks will be posted on Canvas and usually due in one week. Late homework and email homework will **NOT** be accepted.
- Collaboration on homework is acceptable, but each student must do his/her own write-up of the solution to show their full understanding. Direct copying of another student's solution will result in a grade of **ZERO** for **both** students.

Final Project

- There will be a final project. Each student should submit his/her **independent** work. More details on the project will be provided later in class.

Final Exam

- Final will cover materials of the whole course including lectures and lab sessions. The focus is on materials given in lectures. Time will be announced once available.
- There will be no makeup exam without prior permission. To seek permission, a written authorized excuse (e.g., medical confirmation note from your doctor) is required.

Grades

- The final exam, final project, and homework count 50%, 20%, and 30%, respectively, of the final grade.