SDSC 3006 Fundamentals of Machine Learning I
Semester A 2021/22

General Information
- Instructor: Dr. Li ZENG
  Office hour: 2:00 – 2:50 PM Mon
  (Please notify me by email in advance if you plan to attend an office hour!)

- Teaching Assistants: Langming LIU, Jingyi YAO, Jing ZHANG
  Email and office hours: TBA

- Teaching Mode: Real-time online via Zoom (for lectures)

- Lecture time: 4:00 – 5:50 PM Mon

- 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.

- A: 90-100   B: 80-89   C: 70-79   D: 60-69   F: <60