Syllabus CS 210, Introduction to Data Science  
Summer 2023

1 Instructor and Assistants

Instructor: Özgür Asar (ozgur.asar@sabanciuniv.edu)

Teaching assistant: Egemen Uğur Dalgıç (egemen.dalgic@sabanciuniv.edu)

2 Office hours

1. Instructor’s office hours: by appointment.
2. Assistants’ office hours: by appointment.

3 Time and Venue

1. Lectures
   Tuesday  8.40 - 11.30  Fac. of Engin. and Nat. Sci. L065
   Thursday 8.40 - 11.30  Fac. of Engin. and Nat. Sci. L065

2. Recitations
   Thursday 11.40 - 13.30  Fac. of Engin. and Nat. Sci. L029
   Friday  14.40 - 16.30  Fac. of Engin. and Nat. Sci. L067

4 Textbook

Authors: Peter Bruce, Andrew Bruce, and Peter Gedeck.
Title: Practical Statistics for Data Scientists, 50+ Essential Concepts Using R and Python.

Authors: Laura Igual, Santi Seguí.
Title: Introduction to Data Science A Python Approach to Concepts, Techniques and Applications,

5 Lecture slides and videos

Slides will be uploaded on SUCourse.

6 Course Description

The course covers the material listed below. Chapters refer to the above mentioned textbook.
- Exploratory data analysis
- Data quality
- Hypothesis testing
- Statistical modelling
- Machine learning

7 Course evaluation

- Midterm exam (40%) 10 August 2022, 09:00-11:30
- Term project (60%) 25 August 2022, Submit until 17:00

8 Attendance

Attendance is optional.