Syllabus CS 210, Introduction to Data Science
Summer 2022

1   Instructor and Assistants

Instructor   Özgür Asar
Email   ozgur.sar@sabanciuniv.edu

Teaching assistant: Sadaf Zarrin   sadafzarrin@sabanciuniv.edu

2   Office hours

1. Instructor's office hours: by appointment.

2. Assistants' office hours: by appointment.

3   Time and Venue

1. Lectures

Monday	8.40 - 11.30	Fac. of Engin. and Nat. Sci. L029
Tuesday	8.40 - 11.30	Fac. of Engin. and Nat. Sci. L029

2. Recitations

Monday	11.40 - 13.30	Fac. of Engin. and Nat. Sci. L029
Thursday	14.40 - 16.30	Fac. of Engin. and Nat. Sci. L035

4   Textbook

No specific textbook will be followed. The one below would be helpful:

Data Science from Scratch, First Principles with Python by Joel Grus

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.

- Introduction: motivation, data, probability

- Exploratory data analysis

- Hypothesis testing

- Statistical modelling

- Machine learning

7 Course evaluation

- Midterm exam (40%) 15 August 2022

- Term project (60%) 29 August 2022

8 Attendance

Attendance is optional.