

İstatistiksel Veri Analizi
(Statistical Data Analysis)
Fall 2022-2023

Details

- **Day and hour:**

Monday, 14:00-16:50

- **Classroom:**

D 106(K.ADALI)

- **Course webpage:**

Avesis link: <https://avesis.yildiz.edu.tr/adalik/dokumanlar>

Web: <http://www.bm.yildiz.edu.tr/duyurular/1#>

- **Instructors:**

– Tech. & Rech. Assist. Kübra ADALI

D210

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Web: <https://avesis.yildiz.edu.tr/adalik/dokumanlar>

Grading Plan

- 2 Midterms: 1. Midterm = %40,
2. Midterm (Project/Homework) = %20
- Final: %40

- **Attendance Condition: % 70 attendance is obligatory...**

Lecture Syllabus

Week	Date	Subject/Topic
1	3.10.2022	General Info
2	10.10.2022	Statistical Data Exploration: Python
3	17.10.2022	Statistical Data Exploration
4	24.10.2022	Descriptive Statistics
5	31.10.2022	Probability
6	7.11.2022	Sampling Distributions
7	14.11.2022	Sampling Distributions+Statistical Inference & Hypothesis Testing
8	21.11.2022	Midterm
9	28.11.2012	Statistical Inference & Hypothesis Testing
10	5.12.2022	Contingency Analysis
11	12.12.2022	Non-Parametric Tests
12	19.12.2022	ANOVA: Analysis of Variances
13	26.12.2022	Midterm: Project Presentations
14	3.01.2022	Regression Analysis & Clustering

Sources for the lecture

Books:

- *An Introduction to Statistical Methods and Data Analysis*, R. Lyman Ott, Micheal T. Longnecker
- *Biostatistics with R, An Introduction to Statistics Through Biological Data*, Babak Shahbaba

Other sources:

- You can find lecture slides from Avesis web pages
- <http://scholar.google.com>
- <http://ieeexplore.ieee.org/>
- “Google!”