



Course program and reading list

Semester 0 Year 2020

School: Tiomkin School of Economics B.A

DATA-TECH Project

Lecturer:

Mr. Moti Shatner moti.shatner@post.runi.ac.il

Dr. Gail Gilboa Freedman gail.gilboa@runi.ac.il

Teaching Assistant:

Mr. Or Perets or.perets@post.runi.ac.il

Course No.:	Course Type :	Weekly Hours :	Credit:
9689	Lecture	3	6

Course Requirements :	Group Code :	Language:
Final Paper	200968901	Hebrew



Course Description

This course provides hands-on experience in running an end-to-end data analysis project.

It will be conducted in collaboration with [Trenario](#), an Artificial Intelligence startup, using real data.

Students will be grouped in small teams, each getting a real-world business case. The teams will go all the way from designing a business case, gathering and enriching data, running analyses and building advanced models.

In the end, the teams will provide their insights on the business cases, based on their projects.

Classes and meetings

Progress review meetings (separated for each team) will be coordinated in the beginning of each semester.

Attendance Requirements:

- The presentation is mandatory
- It is mandatory that each student attends at least 5 meetings
- It is mandatory that at least 2 students attend each group meeting

Office Hours

In addition to these meetings, students may ask for advice during the office hours of the teaching assistant or by appointment



Course Goals

Provide hands-on experience running a full data analysis project.

- Semester A: Designing a business case, gathering data
 - Semester B: Analysis and modelling, insights on the business case
-



Grading

Semester A:

- **50%**: 2 Mandatory team tasks (25% each)
- **50%**: 1 Mandatory team presentation

Semester B:

- **25%**: 1 Mandatory individual task
- **25%**: 1 Mandatory team task
- **50%**: 1 Mandatory team presentation

* Presentations can be presented by all or part of the team members.



Learning Outcomes

Students will acquire hands-on experience and practical skills in data analysis. They will –

- Get familiar with best practices of working on a data project.
- Learn how to effectively define a business problem.

- Gain experience working with data, including preparation and exploratory analysis.
 - Expand their technical skillset.
-



Teaching Assistant

Mr. Perets Or

or.perets@post.idc.ac.il



Reading List

A reading list will be provided for each team according to its challenges and tasks.