Introduction to Machine Learning (67577)

Course Guidelines

Semester B, 2020

General Information

- All classes will be taught in Hebrew. All course material is written in English.

How to contact the course team

- All personal requests will be directed to the course email: `iml.huji@gmail.com` . Please specify the topic of your inquiry in the email's title (e.g. miluim, personal event, technical issue). Any email should be concise and should include the student's full name, ID number or CS user. Any (none personal) requests regarding exercises should be sent as specified below.
- Questions regarding the material can be posted in the Moodle forum under the relevant week's forum.
- Questions regarding exercises should only be posted on the forum designated for that exercise. Please read the forum before posting your question. There's a good chance it has been answered already.
- **O**ther General Issues should be posted in the General Issues forum.
- Course team will **not** necessarily reply to IML-related messages to our personal mailboxes.

Lectures and recitations

- There are two lecture groups: **Wed 13-16** (lecture group A) and **Wed 16-19** (lecture group B).
- Please attend the group you are registered in. If due to unusual circumstances you're unable to attend your group, feel free to attend another group if there are free seats in the room. Each lecture is 3 hours.
- There are 8 recitation ("tirgul") groups spanned on Mondays and Tuesdays. Groups: (A) Mon. 12:00-13:45 (B) Tue. 16:00-17:45 (C) Tue. 10:00-11:45 (D) Tue. 12:00-13:45 (E) Mon. 16:00-17:45 (F) Mon. 14:00-15:45 (G) Tue. 14:00-15:45 (H) Mon. 10:00-11:45.
- Please attend the group you are registered in. If due to unusual circumstances you're unable to attend your group, feel free to attend another group if there are free seats in the room. Each recitation is 2 hours long.

- Lectures, as well as one of the recitation sessions, will be recorded. We **strongly** suggest attending them physically.

Lab meetings

- In addition to lectures and recitations, this course offers a weekly 1-hour "lab meeting" in small groups.
- Lab meetings are designed to help you understand the material and give you guided hands-on coding experience.
- In each lab meeting you will submit a simple assignment in Moodle. It will be binary graded 0/1, 1 for a submitted assignment showing a real attempt to solve the assignment.
- You will register to one of the lab groups in Moodle during the first week of the semester.
- Labs are not mandatory - you can submit the lab assignment without attending to the meeting itself. But they are highly recommended.

Final exam and mid-term exam

- Both the mid-term quiz and final exam will be computerized.
- Midterm quiz will take place on the 5.6.20.

Homework

- During the semester there will be overall 6 exercises.
- There will be a forum for each exercise. All questions regarding the exercises should be posted in the relevant discussion forum.
- Please refer to "Submission Guidelines" for details regarding the required format of exercises submission.

Hackathon

- The traditional IML Hackaton will take place on the 10-12.6.
- Participation in the Hackathon is optional, but highly recommended!

Grade structure

- The final grade is composed of the following components: Final exam, midterm exam, exercises, labs and hackaton, weighted as follows: Exam (85%), Exercises (10%), Lab sessions (5%).
- **Exam**: You need 60 or more in the final exam to get a passing grade.
- **Exercises**: Grade will be calculated based on the top 4.
- **Labs**: Lab grade will be calculated as $5 \times min(1, \frac{\#submitted}{\#total-2})$
- **Midterm quiz**: Will count as a 10% "magen" grade.
- **Hackaton**: Will be up to 5 bonus points to the final grade.

Covid Alternative Grade structure

- Due to the Corona Virus situation, This alternative grading strauctcure will be applied if the exams won't be held in campus. In such a case final grade will be composed of the following components: Final exam, exercises, labs and hackaton, weighted as follows: Exam (50%), hackaton (35%), Exercises (10%), Lab sessions (5%).
- **Exam**: You need 60 or more in the final exam to get a passing grade.
- **Exercises**: Grade will be calculated based on the top 4.
- **Labs**: Lab grade will be calculated as $5 \times min(1, \frac{\#submitted}{\#total-2})$
- **Midterm quiz**: Will not be mandatory and would be counted as part of the final grade.
- **Hackaton**: Won't be counted as bonus but will be an integrated part of the final grade.