

Introduction to Machine Learning

Course Schedule 2019/2020 (1st version, it will be updated during the course)

Week	Month	Mon	Tue	Wed	Thu	Fri	Lesson	Laboratory
	Sep		24	25	26	27	NO CLASS	NO CLASS
1	Oct		1	2	3	4	Presentation Lesson 1. Introduction to ML	Introduction to the lab
2		7	8	9	10	11	Lesson 2. Clustering	W1. Clustering (session 1)
3		14	15	16	17	18	Lesson 3. Clustering	W1. Clustering (S2)
4		21	22	23	24	25	Lesson 3. (last part) Clustering evaluation metrics	W1. Clustering (S3)
5	Oct	28	29	30	31	1	Lesson 4. Factor Analysis (PCA)	W1. Clustering (S4) (deliver W1)
6	Nov	4	5	6	7	8	Lesson 4. Factor Analysis (ICA) Lesson 5. Visualization (SOM)	W2. A gentle introduction to PCA and visualization
7		11	12	13	14	15	Lesson 6. Introduction to Supervised Learning	W2. A gentle introduction to PCA and visualization (deliver W2)
8		18	19	20	21	22	Lesson 7. Lazy Learning	W3. Lazy learning and FS
9		25	26	27	28	29	Lesson 8. Feature Selection and model selection	W3. Lazy learning and FS
10	Dec	2	3	4	5	6	Lesson 9. Model Selection	W3. Lazy learning and FS (deliver W3)
11		9	10	11	12	13	Lesson 10. SVM and Kernels	W4. A guided introduction to kernels and SVM
12		16	17	18	19	20	Lesson 11. Recommender Systems	W4. A guided introduction to kernels and SVM (deliver W4)
13	Jan	6	7	8	9	10	NO CLASS. READING Lesson 13. Ensemble Learning	NO CLASS
14		13	14	15	16	17	EXAM	

Deliveries will be in groups of 3 students

Exam on Tuesday January 14th at 11:00 (room will be announced in racó in December)