Course unit: Advanced statistics

- Title in French: Statistiques et apprentissage
- Course code: tba
- ECTS credits: 1
- Teaching hours: 25h
- Type: elective course
- Language of instruction: French
- Responsible: tba
- Instructor(s): Adil Ahidar-Coutrix
- Remark(s): course share with 3rd track DIGITAL.e

Brief description

This course is an elective course aimed at anyone interested in machine learning. The main statistical tools involved in machine learning are presented.

Learning outcomes

- Understand the notion of statistical learning
- Discover some of the possible applications

Course content

1. Introduction: linear regression
2. Non-linear regressions and their theoretical guarantees
3. Unsupervised classification

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