

Introduction to Machine Learning. Projets 2018-2019

Presentation

The project should be carried out by a group of two students.
Choose one of the following data sets (see the list) and propose a predictive classification or regression model (or meta-model) to answer to the problem.
Your final choice has, of course, to be justified among several statistical or machine learning models studied during the MAL course.

Before Monday January 7th, 24pm, you should:

if you are an ENSIIE Student:

- upload your code to the ENSIIE Exam web site (one file for two students, mentioning your names in the first line).
- put a printing document (no more than 4 pages) presenting your main results in "Mathilde Mougeot" mail box at ENSIIE.

if you are a University Evry Student:

- send the 2 previous files to mal.ensiie@gmail.com

An oral presentation of your work will be organized Tuesday 8th.

- You will have 4mn to present individually your work and to answer to several questions about your work and about machine learning methods studied in this course.

Data Sets (description and data)

- **Caesarian Section Classification Dataset Data Set**

<https://archive.ics.uci.edu/ml/datasets/Caesarian+Section+Classification+Dataset>

- **Tumor classification**

<https://pydio.ensiie.fr/public/46cbe6>

- **Superconductivity regression Data Data Set**

<https://archive.ics.uci.edu/ml/datasets/Superconductivity+Data>

- **Federal reserve Economic regression Data Data Set**

<http://funapp.cs.bilkent.edu.tr/DataSets/Data/TR.names>

<http://funapp.cs.bilkent.edu.tr/DataSets/Data/TR.dat>