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Introduction to Machine Learning

Thursday, March 28, 2024 2:00 PM (3h 30m)

We will describe the main concepts of Machine Learning (ML) and give some clues to address a problem of
ML. In particular, we will talk about :
- the concepts of AI/Machine Learning/Deep Learning,
- supervised/unsupervised learning,
- the preprocessing of the data,
- the general principle of the algorithm,
- the main pitfalls,
- the evaluation of the training and the outcomes.
Some exercises will be provided to understand the basic concepts of standard ML methods.

Prerequisites : practice of Python and main libraries (numpy, pandas, matplotlib).

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