

## ESCAPE SUMMER SCHOOL



ID de Contribution: **141**

Type: **Non spécifié**

## Machine Learning

*jeudi 17 juin 2021 11:00 (1 heure)*

In this class, we will give an introduction to machine learning algorithms, in a data-oriented and coding-oriented way. We will explain what it means for an algorithm to learn, and the main categories of ML problems. We will then cover, with code examples, how to approach a dataset for analysis. In particular we will take a closer look at: automated clustering of data points; supervised classification; supervised regression; how to test a model and choose hyperparameters; dimensionality reduction. The workshop will be as hands-on as possible. A basic knowledge of Python is required.

**Orateur:** SORBARO, Martino

**Classification de Session:** Machine Learning