



# INFPROF

## Programming fundamentals for health data

### Module

#### Objectives

This training module will provide the students with the programming basis in Python. At the end of this training module, student will be able to implement in Python a data exploratory analysis.

#### Knowledge to be acquired

- Python programming basis.

#### Skills to be acquired

- Understanding the basis of programming and being able to implement in Python a data exploratory analysis.

#### Program

- Programming fundamentals in python;
- Data access and preparation oriented to health data;
- Exploratory data Visualization.

#### Prerequisites

- Knowledge of computer use, word processing, computer presentation tools.

#### Coordinators\* & Instructors

Nicolas Grevet\*, Imad El Badisy.

#### Bibliographic resources

- Lubanovic, B. (2025). Introducing Python: Modern computing in simple packages (3rd ed.). O'Reilly Media.

### Practical informations

#### Course organisation

15 hours of lecture and practical exercises.

#### Module organisation

Live and online.

#### Module fees

- Individually: 250 €;
- Institutionally: 750 €.

