Programming fundamentals for health data
(INFPROF)

The module

Objectives
Provide the students with the programming basis to carry out a data analysis in Python.

Program
- Learning the syntax for basic statements in Python (variable type, conditional statements, loops and functions) ;
- Handling a dataset with pandas library and dataFrame class object ;
- Visualization of data with seaborn and matplotlib libraries.

Coordinators* & Instructors
Nicolas Ngo*, Mamoudou Koume.

Requirements
- Basic knowledge in statistics;
- Basic knowledge of programming (for instance R, matlab or SAS) is desirable but not essential.

Practical information

Course organisation
9 hours of lecture and 6 hours of practical exercises.

Module fees
- individually: 250 €
- institutionally: 750 €

Course type
On site & online live course.