



PRESENTS

INTRODUCTION TO PYTHON

Apply by 3rd February 2023

Teacher: Emyr James

Dates: 10th & 17th February, 2nd & 3rd March 2023 - 10:00-12:00am

Location: Bioinformatics room (CRG Training Center, PRBB patio)

Level: Beginners

Maximum n° students: 18

Topics:

- Introduction to programming and Python
- Basics of Python: syntax, style tools, code organisation
- Python flow control: if...else statements, for and while loops
- Data structures: lists, dictionaries, sets, queues
- Functions and Classes
- Algorithms and "Big O" notation
- File IO
- Unit testing
- Virtual environments and using packages
- Common scientific packages : Numpy, SciPy, Pandas
- Plotting with Matplotlib and Seaborn

Contact

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More information

