ANALYSIS USING PYTHON

Canadian Bioinformatics Workshops

📅 November 5-6, 2025
📍 Toronto, ON

💲 $525 + tax before Sep, 05
💲 $725 + tax until Oct, 23

👤 In-person event
🎖 Awards available

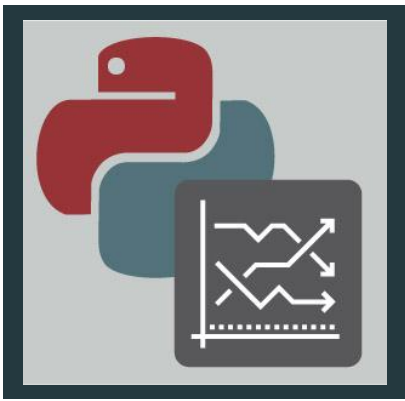## Course description

Python is an incredibly powerful programming language used heavily by bioinformaticians. Many of its libraries are useful for bioinformatics analysis, such as Biopython, Pandas and Matplotlib. In this workshop, the use of these specialized libraries is covered to process and visualize real-world bioinformatics data through hands-on activities. Participants will learn to design and implement solutions to analyze bioinformatics datasets enabling them to apply these skills to their own research projects.

What will I learn?

By the end of the course you will be able to:

- Use the specialized Python libraries NumPy, Pandas, Matplotlib, and Biopython
- Apply these skills to processing and analyzing bioinformatics datasets
- Understand and use programming best practices
- Design and implement bioinformatics solutions using the Python programming language and the specialized libraries covered in this workshop

CIHR IRSC — Canadian Institutes of Health Research / Instituts de recherche en santé du Canada

Ontario Genomics

GenomeCanada

OICR — Ontario Institute for Cancer Research

Learn more and apply at
bioinformatics.ca