

SCIENTIFIC COMPUTING TRAINING SERIES

Sponsored by

**Cornell University's Center for Advanced Computing and
Weill Cornell Medicine Scientific Computing, ITS, &
Clinical and Translational Science Center**

Open to all workforce members and students of Cornell University, WCM, WCM-Q, and Cornell Tech

FALL 2025

**SEPT 16
9-10 AM**

Introduction to Python

Instructor: Chris Myers, CAC

Introduction to the Python programming language and software ecosystem, which can be used to create software pipelines for data analysis, simulation, and scientific computing.

**SEPT 23
9-10 AM**

Getting Started with R

Instructor: Zilu Wang, CAC

Introduction to interface, features, and best practices of RStudio. New content includes an overview of Quarto for documenting and sharing data analysis and research.

**SEPT 30
9-10 AM**

SCU HPC Job Optimization Methods and Techniques

Instructors: Jonathan Parziale and Eugene Dedits, WCM SCU

Presents techniques and methods for optimal use of WCM's Scientific Computing Unit HPC clusters. While tailored for WCM systems, the presentation is applicable to other Slurm clusters.

**OCT 7
9-10 AM**

An Overview of AI

Instructor: Chris Myers, CAC

Overview of some of the key concepts and recent developments in AI, as well as the connections between AI applications and the machine learning techniques used to implement those applications.



**Scan code for webinar descriptions, prerequisites, and
registration link or visit**

<https://its.weill.cornell.edu/scientific-computing-training-series>



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