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2025 Stanford Carpentries

Workshop Details

Website: <https://sul-training.github.io/2025-Stanford-Carpentries/>

Etherpad Index (this Etherpad): <https://pad.carpentries.org/2025-Stanford>

This hands-on workshop is a gentle introduction to essential programming tools such as Unix, Git, R, and Python. It will be taught as two four-day series, one held in person at Green Library, and the other held virtually, and students should only need to register for one series. By attending all four days, you will discover why the Unix shell has remained one of computing's most powerful and enduring tools for decades and how to track and document changes in your files. You will also learn how to use R, RStudio, create objects in R, and how to handle tabular data R. The final two days are focused on introducing the fundamentals of Python, and conclude with learning how to use Python to analyze data.

Code of Conduct

- Use welcoming and inclusive language
- Be respectful of different viewpoints and experiences
- Gracefully accept constructive criticism
- Focus on what is best for the community
- Show courtesy and respect towards other community members
- More details at https://docs.carpentries.org/topic_folders/policies/code-of-conduct.html

Comprehensive Software Installation Guide:

<https://sul-training.github.io/2025-Stanford-Carpentries/#setup>

Collaborative Notes

In Person Series:

Date/Time: Monday-Thursday, October 6-9, 2025, 9am to 12pm

Location: Hohbach Hall Presentation Room 122, Green Library

Introduction to Unix Shell & Git (Oct 6)

Collaborative Notes: <https://pad.carpentries.org/2025-Stanford-Oct-6>

Introduction to R (Oct 7)

Collaborative Notes: <https://pad.carpentries.org/2025-Stanford-Oct-7>

Programming with Python I: Fundamentals & Exploring Data (Oct 8)

Collaborative Notes: <https://pad.carpentries.org/2025-Stanford-Oct-8>

Programming with Python II: Loops, Functions, & Analyzing Data (Oct 9)

Collaborative Notes: <https://pad.carpentries.org/2025-Stanford-Oct-9>

Virtual Series:

Date/Time: Monday-Thursday, October 13-16, 2025, 1pm to 4pm

Zoom Link: TBD (or See Collaborative Notes for link to each session, or See Email Confirmation for Zoom Link)

Introduction to Unix Shell & Git (Oct 13)

Collaborative Notes: <https://pad.carpentries.org/2025-Stanford-Oct-13>

Introduction to R (Oct 14)

Collaborative Notes: <https://pad.carpentries.org/2025-Stanford-Oct-14>

Programming with Python I: Fundamentals & Exploring Data (Oct 15)

Collaborative Notes: <https://pad.carpentries.org/2025-Stanford-Oct-15>

Programming with Python II: Loops, Functions, & Analyzing Data (Oct 16)

Collaborative Notes: <https://pad.carpentries.org/2025-Stanford-Oct-16>