Library Carpentry for Information Specialists

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THE
CARPENTRIES

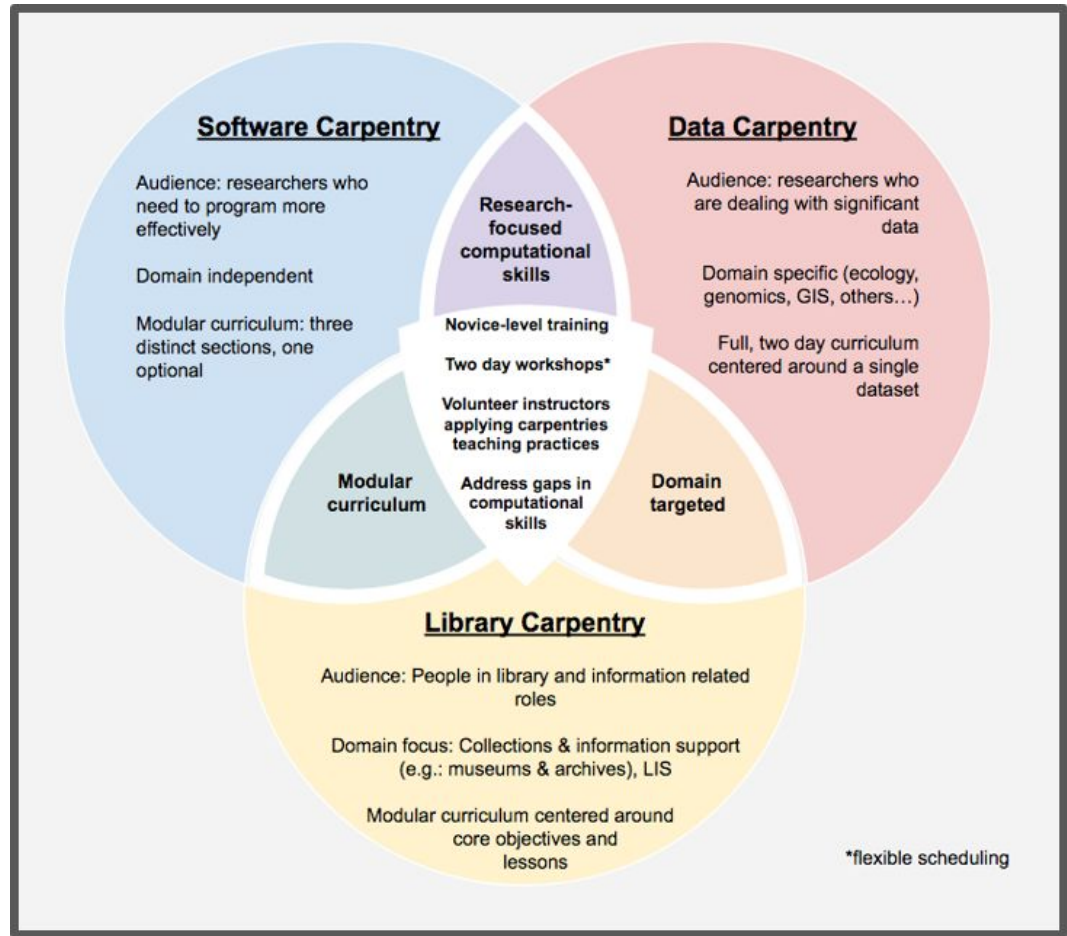# Who are The Carpentries

Non-profit organization that:

- Trains people in software development and data science skills for more effective work and career development
- Builds community and local capacity for teaching and learning these skills and perspectives

Carpentries?

3 Lesson programs

Software Carpentry

Audience: researchers who need to program more effectively

Domain independent

Modular curriculum: three distinct sections, one optional

Data Carpentry

Audience: researchers who are dealing with significant data

Domain specific (ecology, genomics, GIS, others…)

Full, two day curriculum centered around a single dataset

Research-focused computational skills

Novice-level training

Two day workshops*

Volunteer instructors applying carpentries teaching practices

Address gaps in computational skills

Modular curriculum

Domain targeted

Library Carpentry

Audience: People in library and information related roles

Domain focus: Collections & information support (e.g.: museums & archives), LIS

Modular curriculum centered around core objectives and lessons

*flexible scheduling

What defines a Carpentries workshop?

- Two days hands-on workshop > Live Coding
- Certified Instructors
- Learner friendly environment > Code of Conduct
- Feedback
- Core Curriculum

Why do we teach Python?

- Let's find out in our pad!
  https://pad.gwdg.de/CGWaxq00QeeSMNUgjucr_A

Python Parts we teach

- [Python Basics](#)

- [Working with tabular data with the Python Library Pandas](#)

- [Retrieve metadata via DOI from DataCite](#)

Want to participate in a Library Carpentry Workshop?

Let us know!