



*Software and data skills for anyone who works in libraries or similar organizations*

Library Carpentry is a growing community of instructors and lesson developers whose mission is to teach librarians the **tools, techniques** and **best practices** to: work with data, automate repetitive tasks, support world-class research, and deliver **data-savvy**, team-based services to the academic and wider community. Using the pedagogical practices of live coding, pair programming, discussion and exercises, Library Carpentry creates a **safe** and **collaborative** space for important concepts in computing and data, including data manipulation and organization, text and data mining, and workflow versioning and management.

## Benefits

The benefits of Library Carpentry instruction are threefold:

### external

Librarians and staff learn well-tested, **evidence-based** techniques for teaching technical skills. This empowers them to develop cutting-edge services for researchers, students, faculty, and other patrons

### personal

Through hands-on workshops, learners develop the **knowledge** and **confidence** to use technology to solve their own problems

### internal

When the time comes to work with their IT departments to develop larger-scale projects and services, veterans of Library Carpentry are equipped with the **fluency** and **understanding** they need to clearly articulate their requirements and serve as effective stakeholders

## Lessons

Instruction is presented in workshops composed of lessons in a variety of popular topics. While the most common format is a 2-day workshop of core lessons, flexibility and adaptation to the needs of your learners is encouraged.



```
/^reg(ular)?(\\s)?ex(pressions)?$/
```

```
> unix_shell
```

## Community

Library Carpentry is in the process of joining Software and Data Carpentry as a lesson organization within The Carpentries - a unified community with shared resources for achieving common ends. This will further enable the LC community to fulfill its mission by tapping into the infrastructure, staffing, governance, and lessons that have been developed by these more established communities.



**software carpentry** **DATA CARPENTRY**

1,480 Instructors | 1,332 Workshops | 37,000 Learners | 44 Countries | 7 continents

librarycarpentry.org