



COLUMBIA UNIVERSITY LIBRARIES



DIRECTORY of WORKSHOPS



2024-2025



Columbia University Libraries

Directory of Workshops

Columbia University Libraries, including the Law Library and Health Sciences Library, and its affiliates (Barnard, Teachers College) offer more than 1,200 workshops and training programs annually, serving library users ranging from first-year undergraduates to faculty seeking to sharpen their research skills. Our approach to supporting teaching and learning at Columbia aims to foster critical literacy with sources and systems in a context of equitable access and inclusive participation. We offer open workshops that teach a wide range of skills and literacies and partner with faculty to provide course-embedded instruction. The workshops and training programs listed here represent the range of instruction offerings over the course of the academic year and are open to anyone affiliated with Columbia unless otherwise noted. Most workshops require registration.

To explore or register for currently scheduled workshops, or to sign up to receive a weekly digest of workshops during the academic year, please visit our website:

library.columbia.edu/workshops



What We Offer

Library Essentials

We offer ongoing, regularly occurring workshops on the basics of how to use your libraries. Offered by either Columbia University Libraries or Teachers College, these sessions are open to anyone at Columbia and are typically appropriate for any level. (No prior library or research knowledge is necessary!) Workshops are held weekly on various days and times to easily accommodate your schedule and are all one hour or less.

Archives and Special Collections

Columbia University Libraries are home to thousands of rare and unique archives, rare books, and manuscripts. Under the heading “special collections,” these materials, including digital resources, are of singular value to teaching and research. Sessions on how to find and use special collections are offered by curators, historians, and digital scholarship specialists in a variety of disciplines. Workshops presented in this directory represent a small sample of the wide array of course-integrated and open sessions offered by the Libraries; students and faculty can reach out for individual assistance with special collections, and staff can also work with the Libraries to tailor a bespoke primary-source session for any class at Columbia.

Copyright

Copyright law is integral to how students and faculty can use, distribute, and reuse materials in their own academic work. We support faculty and students in understanding the concept of copyright and how it relates to their work to carry out research, publish academic work, use or publish course materials, and

communicate the products of their research. Copyright Advisory Services offers workshops for graduate students and faculty on how to identify and protect their rights and interests as authors and how to manage their use of copyright-protected works while teaching and conducting research.

Publishing

We offer workshops on various aspects of digital publishing and scholarly communication, centering on support for partners in our podcasting and journal publishing programs, but they are open to anyone at Columbia interested in learning more about the mechanics and best practices of scholarly publishing in various media. Frequent workshop topics include the production and dissemination of podcasts, editorial best practices for journal editors, and (for accepted journal-program partners) setting up and maintaining journals using Open Journals Systems (OJS).

Data & Digital Scholarship Training

We build critical data literacies for library users at all levels to find, evaluate, understand, steward, and use data. Our experts offer training modules on data research-related techniques and subjects such as data mining and analysis, text analysis, music technology, Python, relational databases, geographic information systems (GIS), web mapping, and more.

Our Foundations for Research Computing series, hosted in collaboration with CUIT and the Office of the Executive Vice President for Research, provides informal training for Columbia University graduate students and postdoctoral scholars to develop fundamental skills for harnessing computation: core languages and libraries, software development tools, best practices, and computational problem-solving.

Library Essentials

Getting Your Bearings

This workshop will help users feel at home in their Libraries, tailored to their area of study. Learn to navigate the library system and find your way around our many library spaces. Explore new ways to discover and access books, articles, videos, sound files, images, e-books, and more, on-site or at home. Examples of recent discipline-specific sessions include:

- Getting Your Bearings: African Diaspora Studies
- Getting Your Bearings: African Studies
- Getting Your Bearings: Burke Library
- Getting Your Bearings: Business and Entrepreneurship
- Getting Your Bearings: Chinese Studies
- Getting Your Bearings: Film and Theatre Studies
- Getting Your Bearings: First-Generation, Low-Income Partnership Library
- Getting Your Bearings: Graduate Students
- Getting Your Bearings: History and Humanities
- Getting Your Bearings: Japanese Studies
- Getting Your Bearings: Jewish Studies
- Getting Your Bearings: Korean Studies
- Getting Your Bearings: Middle East and Islamic Studies
- Getting Your Bearings: Music
- Getting Your Bearings: Politics and Policy
- Getting Your Bearings: Science and Engineering
- Getting Your Bearings: Social Sciences
- Getting Your Bearings: South and Southeast Asian Studies
- Getting Your Bearings: Tibetan Studies
- Getting Your Bearings: Undergraduate Students

Library Essentials

Columbia Libraries

From Books to Bytes: Navigating the Research Ecosystem: Video Modules

This series was created by the Libraries in partnership with the Center for Teaching and Learning. The set of video modules will define the research cycle, provide students with practical strategies, and guide students through the vast resources available to them at Columbia. Librarians are also



Register for currently scheduled workshops here



available to teach customized sessions on any of the module topics by request. Modules include:

- Develop a Research Strategy
- Recognize Bias
- Understand Research Data
- Archives and Primary Sources
- Cite and Organize Sources
- Preserve and Share Your Research

Library Essentials

Columbia Libraries

Charting Your Path: An Introduction to Library Research

Graduate school research may feel daunting, but this foundational workshop will cover key concepts, strategies, and tools to help develop your research skills. The workshop will start with a broad overview of what graduate-level library research can look like, including terms you may come across in your journey, followed by information needed to conduct library research across all research disciplines.

Please visit the [TC Events](#) page to register and browse other workshops.

Library Essentials

Teachers College but open to all CU affiliates

Let's Use CLIO

Learn how to use CLIO, the online catalog, in your courses and research. This workshop will cover the fundamentals of the



Request a custom-tailored instruction session for your course here

information ecosystem at Columbia University and demystify jargon that you may have encountered. You will learn how to find e-books, databases, research guides, and more. This session will also introduce techniques to locate digital alternatives to print resources.

Library Essentials

Columbia Libraries

First-Generation, Low-Income (FLI) Partnership Library Syllabus Drop-In

At the beginning of each semester, drop in to Butler Library with your syllabi to ensure that the FLI Partnership Library has the course materials you need. This informal event for self-identified FLI students is a flexible, social space to look for your course materials, tour the FLI Library and discuss the details of the collection, or even talk more broadly about your research questions with a librarian.

Library Essentials

Columbia Libraries

Finding and Understanding Sources

Why search through multiple databases when you can use Google Scholar? How do you know if an article is useful and its author credible? When is it acceptable to use Wikipedia or a podcast as a source? Determining where to find sources and understanding when to use different types of source material for your research can be difficult. To help, this workshop will review database indexing and peer review, and will thoroughly explain the differences between primary, secondary, and tertiary sources.

Please visit the TC Events page to register and browse other workshops.

Library Essentials

Teachers College but open to all CU affiliates

Database Demo: See How Research Databases Work

In this workshop, you will learn how to use a research database to find scholarly research. This workshop compares three database platforms: EBSCO, JSTOR, and ProQuest. You will learn about using Boolean operators, creating a search string, and selecting key terms.

Library Essentials

Columbia Libraries



Register for currently scheduled workshops here



E-Books and Electronic Reading for Study

Reading on the go has never been easier through Columbia University Libraries. This online workshop will walk you through a variety of mobile options, including downloading and reading e-books and other materials on Kindles and other devices. You will also practice using the Palace app to find and read e-books as well as digital archives and audiobooks.

Library Essentials

Columbia Libraries

How to Get Your News through the Libraries

Whether you're interested in keeping up with today's headlines or looking for old news coverage for a research project, the Libraries provides access to thousands of newspapers and magazines from around the world to Columbia University faculty, staff, and students, free of charge. Learn how to sign up for digital subscriptions to select newspapers (New York Times, Wall Street Journal, and Financial Times), how to search and browse the news through various databases, and how to access articles not available online.

Library Essentials

Columbia Libraries



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Introduction to International News Sources

This is an introductory workshop on current and historical news sources in multiple languages available at Columbia for research on Africa, East and South Asia, East Europe and Russia, Latin America and the Caribbean, and the Middle East.

Library Essentials

Columbia Libraries

Citation Management with Zotero (Beginner)

Creating citations and bibliographies can be difficult, and so can keeping track of all the reading that you'll do over the course of a class, a semester, and your academic career. Zotero is a free, open-source bibliographic management program that allows you to collect, organize, cite, and share your research. This one-hour workshop will introduce you to Zotero, help you to use it, and provide strategies for effectively utilizing it in your research and writing. Teachers College offers a similar workshop, "Managing Your References with Zotero," which is open to all Columbia affiliates.

Library Essentials

Columbia Libraries



Register for currently scheduled workshops here



Citation Management with Zotero (Advanced)

This workshop builds on the beginner-level Citation Management with Zotero workshop to give attendees insights into more advanced features of Zotero, including popular plug-ins. Attendees will explore PDF annotation, group libraries, zotfile, setting up an external host for files, advanced searching, saving searches, and exporting data for use in other projects. Attendees should have experience with Zotero for general reference management.

Library Essentials

Columbia Libraries

Introduction to the Bloomberg Terminal

This workshop offers an introduction to the navigation and functionality of the Bloomberg Terminal, emphasizing popular shortcuts. Some of the topics covered are company and industry research, corporate financial information, Bloomberg Law, Bloomberg University, and the Bloomberg Market Concept certificate program.

Library Essentials

Columbia Libraries



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Company and Industry Research for Business and Entrepreneurship

This workshop provides an introduction to researching companies and industries. Led by the Librarian for Business and Entrepreneurship, this session will introduce library databases for company and industry research and explore strategies for finding industry trends, market size, key industry players, external influences, and more. This workshop is open to anyone seeking to conduct company and industry research.

Library Essentials

Columbia Libraries

Market and Consumer Research for Business and Entrepreneurship

This workshop provides an introduction to the basics of market and consumer research using library resources. Led by the Librarian for Business and Entrepreneurship, this session will explore resources for finding information on consumer behavior, psychographics, demographics, and market segmentation. This workshop is open to anyone seeking to conduct market and consumer research.

Library Essentials

Columbia Libraries

Literature Reviews: How to and Why

In this workshop you will learn the basics of conducting a literature review. You will learn how to make a plan for your literature review, how to use appropriate search strategies in library databases, and how to critically evaluate sources. All disciplines and subject interests are welcome, but the librarian teaching the workshop may specialize in a certain subject area. Teachers College offers a similar workshop, "The Literature Review," open to all Columbia affiliates. *Please visit the TC Events page to register and browse other workshops.*

Library Essentials

Teachers College but open to all CU affiliates

Article Screening for Literature Reviews

Learn about what comprises the article screening step in the literature review process, and gain a familiarity with digital tools like Covidence for article screening.



Register for currently scheduled workshops here

Please visit the [TC Events page](#) to register and browse other workshops.

Library Essentials

Teachers College but open to all CU affiliates

Advanced Search Strategies

How do you know that you are retrieving all the relevant information needed for your research topic? Do you find that your catalog and database searches don't always yield the best results? This workshop will cover strategies and concepts needed to ensure that your searches provide the most relevant results and teach you to conduct more advanced searches with tools that search in a variety of contexts.

Please visit the [TC Events page](#) to register and browse other workshops.

Library Essentials

Teachers College but open to all CU affiliates

Streaming Video for the Classroom

This workshop reviews streaming video resources available through Columbia University Libraries for teaching and research. We will address educational licensing and personal streaming services such as Netflix and Amazon Prime. This session may be particularly useful for instructors who use video in their classes.

Library Essentials

Columbia Libraries

Streaming Audio and Music Video Resources

This workshop highlights streaming audio and music video resources available through the Libraries.

Library Essentials

Columbia Libraries

Digital Music Scores

This workshop highlights digital music scores resources available through the Libraries.

Library Essentials

Columbia Libraries



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Introduction to Research on Human Rights in Africa

An introductory workshop on human rights in contemporary Africa, especially for those interested in writing literature reviews, legal instruments, and primary sources in all formats and exploring ethical issues.

Library Essentials

Columbia Libraries

Using PubMed for Research

This workshop highlights the important features of PubMed for health science research. We will provide an overview of keyword searching, using filters, using the MeSH database, saving and exporting results, and other useful tips for getting the most out of PubMed.

Please visit the TC Events page to register and browse other workshops.

Library Essentials

Teachers College but open to all CU affiliates

Navigating for Accessibility

Learn how and why assistive technologies function differently between many databases. You will become familiar with digital rights management, EPUB and PDF file formats, and available resources within the Gottesman Libraries and Teachers College.

Please visit the TC Events page to register and browse other workshops.

Library Essentials

Teachers College but open to all CU affiliates

Introduction to Course Resource Lists for Instructors

This workshop walks faculty members and course assistants through the basics of using Course Resource Lists, the Gottesman Libraries' course reserves platform and collaborative tool located within credit-bearing Teachers College courses in Canvas.

Please visit the TC Events page to register and browse other workshops.

Library Essentials

Teachers College but open to all CU affiliates



Register for currently scheduled workshops here

Archives and Special Collections

Basics of Archival Research

This workshop will provide an overview of how to locate archival resources, how to plan effectively for your research trips, how to make the most of your visits, and how to interpret the information you find (or don't find!). While this session is geared toward graduate students and undergraduate thesis writers, anyone interested in learning more about archival research is welcome to attend.

Archives and Special Collections

Columbia Libraries

Understanding Primary Sources

Come learn about introductory techniques for locating, accessing, and analyzing historical documents. Our goal in this workshop is to provide participants with a preliminary skill set useful in the discovery, access, and analysis of primary source documents. Additionally, students and participants will have the opportunity to work directly with primary source material from the Gottesman Libraries' Special Collections.

Please visit the TC Events page to register and browse other workshops.

Archives and Special Collections

Teachers College but open to all CU affiliates

Introduction to Archives: Rare Book and Manuscript Library

This in-person workshop will provide a general overview of conducting research in archives, with a focus on the special collections of the Rare Book and Manuscript Library (RBML). We will introduce participants to the RBML website and archives portal and show how to navigate finding aids. Hands-on demonstrations will give attendees the experience of working directly with primary sources. The workshop will be led by archivists working at the RBML.

Archives and Special Collections

Columbia Libraries



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Introduction to Medieval Manuscripts

Part of a semester-long interdisciplinary seminar within the Medieval and Renaissance Studies Program at Columbia, this session provides students, from undergraduates to PhD candidates, a hands-on opportunity to work with manuscripts while honing hard skills related to the production, use, and preservation of those materials.

Archives and Special Collections

Columbia Libraries

The History of Textual Transmission

How do texts written in ages past come down to us today? And how do we improve our understanding of what we read when we think about texts, not just as words on a page, but also as physical objects that move through time and space? This session, focused on manuscripts and rare books from the collections of the Burke Library at Union Theological Seminary, introduces students to the history of textual transmission. Students will have a chance to think about (a) the different ways that texts have been produced through the ages; (b) the transmission of texts through time and space; and (c) how changes in writing technologies have altered how we understand and engage with what we read. As we explore these historical developments together in an interactive setting, we will look at ancient stone tablets and Greek papyri, medieval parchment documents and bibles, and a variety of early printed works that highlight key themes in the history of writing and writing technologies.

Archives and Special Collections

Columbia Libraries

Queering Religious Archives

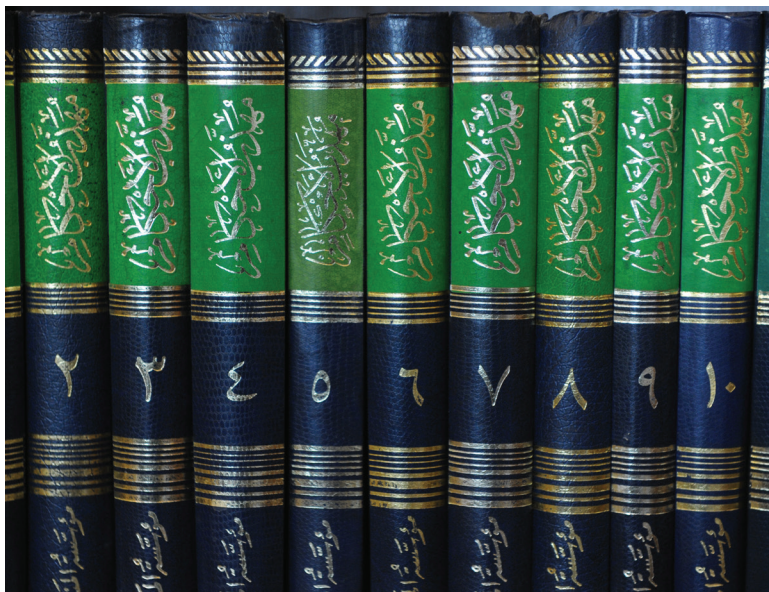
Searching for LGBTQ+ subjects in any archive—let alone religious ones—can be tricky. This workshop includes a basic introduction to locating key collections and accessing documents, along with hands-on activities to guide users through identifying subjects of interest and interpreting this history.

Archives and Special Collections

Columbia Libraries



Register for currently scheduled workshops here



Managing Your Personal Research Photos with Tropy

Many researchers take digital photographs as part of their archival research. Unidentified and unorganized, these images can quickly accumulate on phones and desktops. Managing those personal photograph collections efficiently and effectively is key to maximizing the value of your research. Tropy is a free, open-source tool for organizing and describing these collections. In this 45-minute workshop, we will provide an overview of how to get started with Tropy and the basics of using it to arrange, discover, enhance, and annotate personal research photographs.

Archives and Special Collections

Columbia Libraries



Request a custom-tailored instruction session for your course here

Copyright

Copyright 101

This 90-minute introductory course will provide an overview of the origin and purpose of U.S. copyright law and how it promotes creativity, teaching, learning, and research in ways that have become an integral part of everyday life. This session will introduce copyright concepts most relevant to those working in libraries, archives, museums, and community cultural heritage organizations.

Copyright Columbia Libraries

Copyright Limitations and Exceptions

Cultural heritage institutions such as libraries, archives, and museums enjoy a special status in U.S. copyright law, with specific limitations and exceptions that provide flexibility within the law. These exceptions allow those organizations to confidently engage in sharing practices such as interlibrary loans, digitization, teaching with copyrighted materials, displaying objects, and lending items to other institutions. This program aims to help participants understand the complicated landscape of copyright limitations and exceptions and gain the necessary skills to apply those limitations and exceptions for the benefit of their work.

Copyright Columbia Libraries

Using Images and Navigating Copyright Issues in the Dissertation

Who owns a particular image? What permissions must be secured in order for you to include it in your dissertation? This workshop helps dissertation writers tackle common image-related issues. Writers in the early phases of dissertation research are especially encouraged to attend.

Copyright Columbia Libraries



Register for currently scheduled workshops here

Managing Copyright Issues in STEM Dissertations

This workshop addresses rights in data and data sets; IP ownership of data obtained from third parties; rights concerning graphs, charts, and survey questions; the use of published articles as chapters in a dissertation; IP ownership; and coauthorship in research output.

Copyright Columbia Libraries

No Fear Fair Use: Practical Fair Use for Cultural Institutions

U.S. copyright law's fair use doctrine provides flexibility in the system, allowing limited use of copyrighted materials during the copyright term without permission from the copyright owner. The uncertainty about how to apply these factors in practice often leaves cultural institutions with policies that are either overly restrictive, limiting patron services and discouraging new creations, or overly permissive, potentially subjecting the organization to liability. This program aims to dispel the myths surrounding fair use and empower, enhance, and increase attendees' confidence when handling the wide array of fair use-focused questions and policies.

Copyright Columbia Libraries

When Copyright Ends (or Never Was): Understanding the Public Domain

Copyright law's purpose is to foster the development of a rich public domain of knowledge available to all by permitting rights holders to control certain uses of original works for a limited (although still quite a long) time. When the copyright to a work finally expires, the work is said to rise into the "public domain." Public domain works may be used freely without permission of the (former) copyright holder, making them ideal raw material for other types of published work.

Copyright Columbia Libraries



Request a custom-tailored instruction session for
your course here

Publishing

Introduction to Scholarly Publishing

The landscape of scholarly publishing is complex! What's peer review? What's a DOI? Why should I publish open access, and why does it cost money to do so? Is my use of images in an article considered fair use? There are many things to take into account when authors decide to publish their work. This workshop will explore topics to consider as you publish your research, resources available to Columbia affiliates, and questions that should be asked when signing publishing agreements with third parties.

Publishing

Columbia Libraries

Making PDFs More Accessible and Durable

For better or worse, PDFs tend to be the most common way that research is distributed in digital form. This workshop provides suggestions that researchers, publishers, and administrators can use to make their PDF content more accessible and discoverable and provides some suggestions of other file formats for consideration.

Publishing

Columbia Libraries

Overleaf: LaTeX Power Editing

Overleaf can be a secret publishing superpower. A collaborative platform supported by the Libraries, Overleaf allows users to create and edit documents such as journal articles, book chapters, and dissertations with its powerful LaTeX editor. Users have access to a variety of templates and citation formats and can work with others to draft scholarship. Prior experience with LaTeX or a markdown language is helpful but not required.

Publishing

Columbia Libraries



Register for currently scheduled workshops here

Onboarding for Journal Editorial Boards

Join the Libraries to discuss editorial workflows and to receive feedback on the processes in place for your journal(s). This workshop is open to existing journal partners and other Columbia affiliates who manage journals.

Publishing

Columbia Libraries

Publishing Platform Orientation

Journal partners are encouraged to attend this workshop to learn how to manage their Open Journal System (OJS) website. This workshop covers website user management, public web page updates, submission management, including peer review workflows, and publishing new issue and article content to your website.

Publishing

Columbia Libraries

Publishing Platform Orientation for Law School Journal Editors

This workshop for both outgoing and incoming editors-in-chief for all publishing law journals at Columbia focuses on the fundamentals of publishing, copyright and licensing, and leadership transition. It also covers website user management, public web page updates, submission management, including peer review workflows, and publishing new issue and article content to your Open Journal System (OJS) website.

Publishing

Columbia Libraries



Request a custom-tailored instruction session for your course here

Data & Digital Scholarship Training

3D Printing

Join the Libraries for a practical workshop on 3D printing, tailored for participants with no prior experience. You'll learn the basics of 3D printing, including how to design simple models and operate a 3D printer. This hands-on session will help you understand how to think about 3D design, modeling, and prototyping for your academic projects. No previous knowledge is needed—just bring your curiosity!

Data & Digital Scholarship Training

Columbia Libraries

Code Finding, Reusing, and Citing

This workshop will review where and how to find, reuse, and cite research code. We'll talk about community practices and standards, DOIs and other PIDs, licensing, GitHub shields, and citation formats. While primarily geared toward researchers who are looking for code to reuse, this workshop will also be helpful for researchers planning to publish code, as it will give them ideas about how best to prepare their code for easy reuse and credit.

Data & Digital Scholarship Training

Columbia Libraries

Computational Thinking 101

This introductory workshop is designed to teach problem-solving skills rooted in computer science principles. Through hands-on activities with no-code tools, attendees will learn to break down complex problems into manageable parts, identify patterns, and learn to apply computational thinking to their own projects.

Data & Digital Scholarship Training

Columbia Libraries



Register for currently scheduled workshops here



Data Club

Data Club, provided by Research Data Services, offers a series of strategic lessons and a supportive meeting space for members of the Columbia community of all levels to learn, share, and implement the philosophies, tools, and methodologies for a data-driven project of their choosing. In bimonthly meetings, the Data Club provides a short instructive session, free-work time, and a collaborative and exploratory environment for researchers to pursue a personal project with the assistance of Columbia librarians and their data-minded peers.

Data & Digital Scholarship Training

Columbia Libraries

Data Manipulation Using Columbia's Academic Commons API

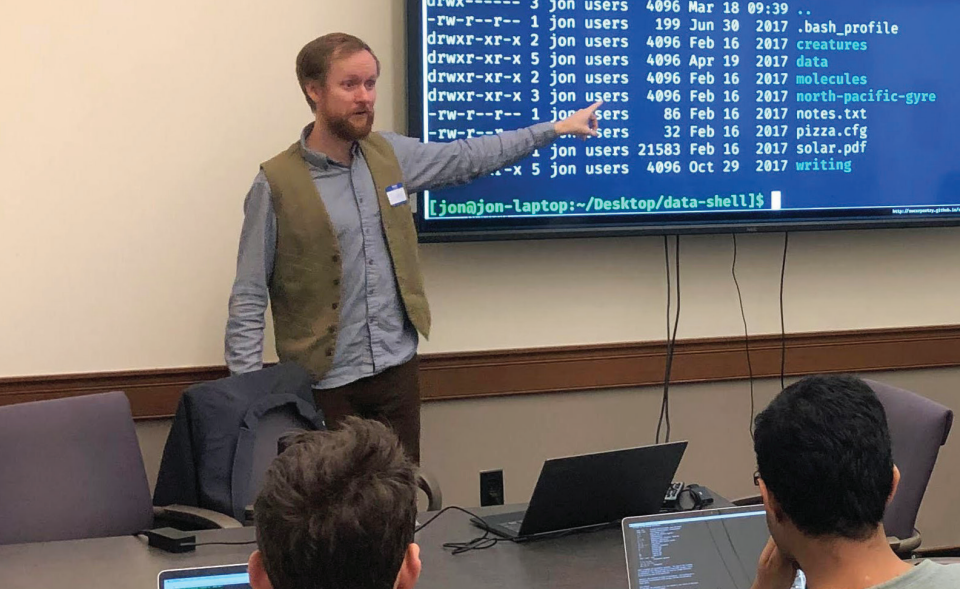
You don't have to know how to use the command line to effectively use data from APIs! Join staff from the Digital Scholarship unit for a series of workshops to explore data harvesting and manipulation using the API of Columbia's institutional repository, Academic Commons, and OpenRefine, Python, and R. This workshop is beginner-friendly; attendees should be comfortable using spreadsheet programs such as Microsoft Excel and Google Sheet.

Data & Digital Scholarship Training

Columbia Libraries



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Exceptional Scholarship with Research Data Series: Video Modules

Exceptional Scholarship with Research Data introduces learners to the principles of structured research data management. The course prepares learners with skills to produce higher-quality research in line with contemporary standards for research reproducibility and sharing. It is split into six modules, plus an additional session that focuses exclusively on resources available through Columbia. Though targeted to graduate students across all of Graduate School of Arts and Sciences (GSAS), the modules are applicable to any researcher at Columbia.



Data & Digital Scholarship Training

Columbia Libraries

From Zero to Python: An Introduction to Coding

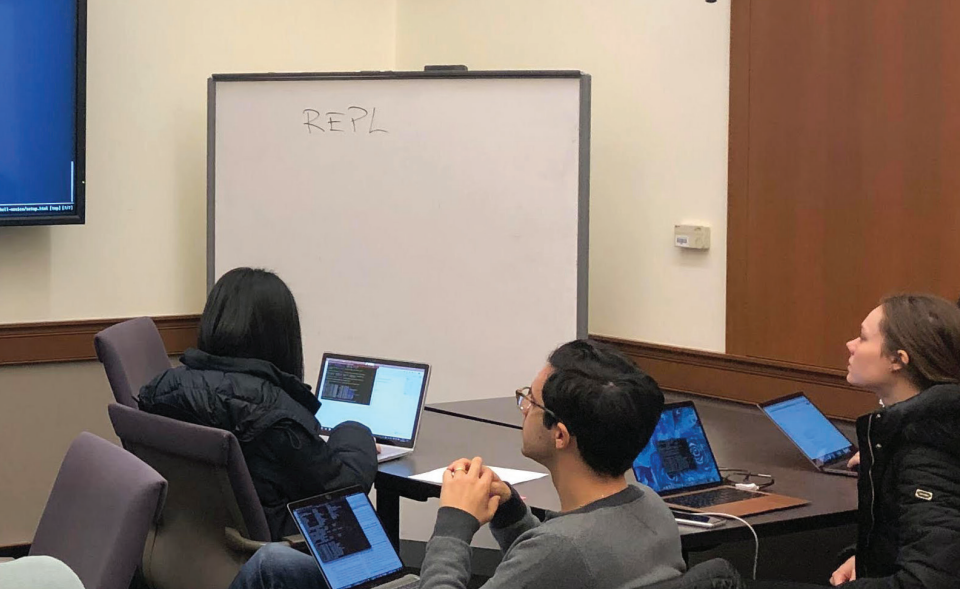
This is a one- to two-hour workshop for users with no programming experience that will explain the basics of scripting in Python.

Data & Digital Scholarship Training

Columbia Libraries



Register for currently scheduled workshops here



From Scripting to Coding: An Intermediate Python Workshop

This is a one- to two-hour workshop that will go into greater depth with Python, explaining coding best practices, object-oriented programming, and functional programming. Given by request only.

Data & Digital Scholarship Training

Columbia Libraries

Foundations in Research Computing: Python and R

A two-day series of workshop designed to teach researchers with minimal or no computational experience the basics of computational research, including the command line, version control, and scripting, in Python or R. Admittance is by application only.

Data & Digital Scholarship Training

Columbia Libraries

Introduction to NVivo: A Qualitative and Mixed-Methods Research Tool

This workshop is designed for students who are new to NVivo software for qualitative and mixed-methods research. After an overview of qualitative and mixed-methods research methods, you will learn how to organize, analyze, and visualize your data



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using NVivo's various built-in features. Through practical exercises, you will learn how to code structured and unstructured data, run queries, and synthesize insights from your research data. No prior experience with NVivo is necessary—bring your research questions or project proposal!

Data & Digital Scholarship Training

Columbia Libraries

Introduction to Pandas

This workshop will introduce participants to the basics of data analysis using the Pandas library in the Python programming language. Pandas is a foundational library for modern data science in science and industry. We will use pandas to load, process, and transform tabular and time-series data. We will then visualize data with Matplotlib, the Python plotting library. No prior programming experience is required.

Data & Digital Scholarship Training

Columbia Libraries



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Introduction to Python

Aimed at those who have never programmed before, this workshop will introduce the basic structure of using Python programming language in a code notebook to allow participants to pursue their paths as Pythonistas. Topics covered include code notebooks, data types in Python, conditionals, methods, and functions.

Data & Digital Scholarship Training

Columbia Libraries

Level Up Your Literature Review

The use of computational methods is changing how researchers can find secondary research. New discovery tools can now help academic researchers locate the latest and most relevant literature for their topics. This workshop will explore several of these tools, with an emphasis on journal articles, and how to use them.

Data & Digital Scholarship Training

Columbia Libraries



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Machine Learning for Everyone

This workshop will use no-code tools to explore and explain the concepts, methods, and steps behind machine learning. The focus will be on explainable models and classic classification and regression problems.

Data & Digital Scholarship Training

Columbia Libraries

Music Technology Workshop Series

This workshop series from the Digital Music Lab covers topics such as recording, mixing, audio editing, sampling, digital signal processing, and more. Past sessions have also covered music software such as Audacity, Max/MSP, and Ableton Live.

Data & Digital Scholarship Training

Columbia Libraries

Open Government Data

Learn how to efficiently navigate open government data sources. By the end of this workshop, participants will become familiar with different types of domain and agency-specific repositories for government data, understand how to access publicly available data (as well as data available through the Libraries), and gain experience in analyzing the characteristics and usability of a dataset.

Data & Digital Scholarship Training

Columbia Libraries



Register for currently scheduled workshops here

R

R is a language and environment for statistical computing and graphics. Our “Basics” workshop introduces the RStudio integrated development environment (IDE) features and how to manage your work in RStudio. Subsequent workshops will introduce basic functions from dplyr and tidyr packages, important data terms and structures in R, basic functions from the ggplot2 package for data visualization, and plotting models and tables using R. Examples of recent sessions include:

R: Basics

R: Data Manipulation

R: Data Structures

R: Data Visualization

Plotting Models Using R

Plotting Tables Using R

Data & Digital Scholarship Training

Columbia Libraries

R 101 for Social Scientists

R, which is a free and open source, is the most widely used programming language for statistical computing and graphics. This introduction to R is designed for participants with no programming experience. The workshop starts with the building blocks to use RStudio to develop and explore the data structures available in R. We will then review basic tools for inspecting, extracting, manipulating, summarizing, and visualizing data.

Data & Digital Scholarship Training

Columbia Libraries

Research Data Management: Plans and More

As using some kind of data becomes a part of research programs in more and more fields, the need for good research data management also grows more acute. In this workshop, learners will be introduced to conceiving of research data as part of a cyclical process of research, the research data life cycle. They will also be introduced to specific services that Columbia provides to help manage research data.

Data & Digital Scholarship Training

Columbia Libraries



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Stata Refresher

This introductory workshop will address how to manage your reproducible data workflow, run descriptive statistics, and create tables and data visualizations for academic purposes using Stata.

Data & Digital Scholarship Training

Columbia Libraries

Survey and Panel Data Analysis Using Stata

These workshops will provide introductions to linear and nonlinear panel data regressions and basic descriptive and inferential analysis for survey data using Stata.

Data & Digital Scholarship Training

Columbia Libraries

Teamwork and Development with GitHub

This workshop is designed to introduce version control in the context of working with a team. Participants will delve into GitHub's features like issue tracking, pull requests, team management, and commit standards. By the end, participants will be more comfortable with GitHub and will be able to track their work more accurately.

Data & Digital Scholarship Training

Columbia Libraries



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 COLUMBIA UNIVERSITY LIBRARIES