

Digital Scholarship Fundamentals Workshops

Sponsored by the [University Libraries](#) and the
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Data Visualization Basics

Fri., Jan. 24, 12:00 pm – 1:00 pm

Visually presenting your research findings can be a daunting task. Should you use a pie chart (rarely), a scatter plot, or a heat graph? Understand how to present your work in an accurate and ethical manner by joining us for an overview of best practices in data visualization. We will examine some visualization methods and how best to apply them to different kinds of data. **Instructors:** Charles Gallagher, Research and Instruction; Kevin Gunn, Coordinator of Digital Scholarship

Advanced OpenRefine for Cleaning Data

Fri., Feb. 7, 12:00 pm – 1:00 pm

Before performing data analysis, one needs to clean, manipulate, and refine a dataset. We will explore the features of the open access platform, OpenRefine (<https://openrefine.org/>) by addressing some common problems such as handling empty spaces, removing ambiguity in variant spellings of words, and using clustering methods. Last, we will look at merging datasets, reconciling data, and perform basic GREL functions. **Instructor:** Kevin Gunn, Coordinator of Digital Scholarship

Legal and Ethical Issues in Text Data Mining

Mon., March 3, 12:00 pm – 1:00 pm

There are a number of issues, problems, encumbrances, and obstacles in working on a text data mining project. Before embarking on a project, know what your options and limitations will be. We will explore best practices in copyright, fair use, licensing agreements and terms of use, privacy and ethical issues, digital rights management, and other issues involving non-consumptive use of text for research. **Instructor:** Kevin Gunn, Coordinator of Digital Scholarship

Visualizing Network Data with Gephi

Mon., March 24, 12:00 pm – 1:00 pm

See your data from a fresh perspective through network analysis and visualization. Using Gephi (<https://gephi.org/>), we will create some network graphs from sample datasets. Basic concepts of network analysis will be covered while we learn to use Gephi to explore, analyze, and visualize network data. **Instructor:** Kevin Gunn, Coordinator of Digital Scholarship

Text Analysis using AntConc

Mon., April 7, 12:00 pm – 1:00 pm

Computational analysis of textual data can aid in reading and interpreting large corpora. Furthermore, exploring many texts can uncover linguistic patterns for future exploratory analysis. We will analyze textual data using AntConc (<http://www.laurenceanthony.net/software/antconc/>). AntConc has several features including searching Word and PDF documents, exporting table rows, managing a corpus, and a new ChatAI tool. No coding experience necessary. **Instructor:** Kevin Gunn, Coordinator of Digital Scholarship

Working with Tableau

Mon., April 28, 12:00 pm – 1:00 pm

This workshop will introduce the most basic functions of Tableau Public (<https://www.tableau.com/products/public>) such as connecting to a dataset and building sheets, dashboards, and stories. This session will also cover how to publish your work to Tableau Public Online and how to share and download it from there. **Instructor:** Kevin Gunn, Coordinator of Digital Scholarship

Register through the News, Events, and Exhibits page at libraries.catholic.edu (CUA members only) or by contacting Kevin Gunn (gunn@cua.edu). All workshops will take place on Zoom, recorded, and made available on the Catholic University Libraries' [YouTube Channel](#).



University Libraries <https://libraries.catholic.edu/services/digital-scholarship/index.html>