No Data Librarian? No Problem!

Developing data-related workshops with no dedicated data librarian

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ABOUT AURARIA

- Serves three schools: University of Colorado Denver, Metropolitan State University of Denver, and Community College of Denver
- Degrees range from associates to PhDs
- Most students are non-traditional – part-time, employed full-time, commuter, transfer, returning, and/or first generation
- Campus emphasizes student learning over faculty research
- Interest in accessing, collecting, creating, analyzing, and visualizing data

CONSIDERATIONS

What are our strengths?
What are our weaknesses?
What are the needs of students, faculty, and staff?
With our current resources, what can we teach?
What do we want to teach?
Who will teach?

HISTORY OF DATA WORKSHOPS

- Summer 2016: First workshop, Publish Your Research, developed based on workshop from visiting Australian librarian
- Fall 2016: Data Management and Data Visualization: Fundamentals
- Spring 2017: GIS: An Introduction created by geography faculty member
- Summer 2017: Reviewed and updated all workshops
- Spring 2018: Data Visualization: Tableau Public and GIS II: Spatial Analysis
- Summer 2018: Started developing tutorials on workshop topics

THE PROCESS

Create Group
Introduce Meeting
Allocate Tasks
Review Meetings
Promote
Teach
Assess
Refine Workshop

- Learning outcomes
- Purpose
- Active learning activity
- Timing
- Materials
- Fine tune activities
- Knowledge sharing
- In person
- Online
- Scheduled or by request
- Same group or create a new group
- Update timing
- Edit materials

SHARE & COLLABORATE

- Find partners outside the library
- Collaborate with multiple library departments
- Train librarians and staff on teaching and presentation skills
- Embed information literacy skills in workshops
- Create online guides to share workshop material and additional information
- Share lesson plans with other libraries

Current Workshops

- Data Management
- Data Visualization: Fundamentals
- Data Visualization: Tableau Public
- GIS I: An Introduction
- GIS II: Spatial Analysis

Future Workshops?

- Data Cleaning: OpenRefine
- Data Visualization: Piktochart

ADDITIONAL INFORMATION

- kelly.mccusker@ucdenver.edu
- library.auraria.edu/savvy-researcher-workshops
- guides.auraria.edu/datamanagement
- guides.auraria.edu/datavisualization
- guides.auraria.edu/gis