Love Data Week 2021: Spotlight on “Open”

23 Things About Open Data

This year, the NNLM is celebrating Love Data Week with a speaker series and panel discussion with four data practitioners. If you’d like to dive a little deeper into the world of open data, these 23 Things are a starting point for learning more.

1. Learn the “why, what, and how” of open data with the Open Data Handbook.
2. Browse a list of hundreds of different data file formats and then learn the best ones to use for open, accessible data.
3. Learn about data sharing and publishing with NNLM’s Research Data Management On-Demand module.
4. Catch up on the NNLM Research Data Management webinar series with our YouTube playlist.
7. Explore the Google Dataset Search.
8. Explore health-related open datasets made available through Kaggle, including the COVID-19 Open Research Dataset Challenge (CORD-19) medical literature text-mining dataset.
9. Filter, visualize and export datasets from National Library of Medicine resources from Data Discovery at NLM.
10. Compare the open data efforts of 30 different national governments with the Open Data Barometer, a report from the World Wide Web foundation.
11. Visualize “the issues that will shape the future of New York City” with this interactive civic data exhibit.
12. See how All In: Data for Community Health is working to improve community health outcomes through data-sharing partnerships to identify needs and inform policy.
13. Check out the Civic Switchboard project to see how library workers can get involved in civic data initiatives.
14. Analyze Census data in Microsoft Excel with a tutorial from Census Academy.
15. Make a map using QGIS - a free GIS (Geographic Information System) program - with step-by-step exercises from the Community Health Maps program.

16. Build data analysis, visualization, and programming skills with the self-guided lessons from The Carpentries. Start with Library Carpentry for lessons tailored specifically for librarians.

17. Foster a “data culture” within your organization with engaging learning activities from the Data Culture Project.

18. Build community data literacy with Data 101 workshop toolkit from the Western Pennsylvania Regional Data Center, and attend our Tuesday, Feb 9th “coffee chat” to hear more from WPRDC project director Bob Gradeck.

19. Make research data and code more findable with these 10 quick tips and come to the Monday, Feb 8th “coffee chat” to hear more from article co-author Ibraheem Ali, PhD.

20. Support open, equitable, and inclusive scholarly communications with this guide from the Association of College and Research Libraries and come to the Wednesday, Feb 10th “coffee chat” to hear more from co-author Yasmeen Shorish.

21. Learn about common data elements for clinical data collection and management with this presentation from the National Library of Medicine, and then learn how to use the NIH Common Data Element (CDE) repository.

22. Familiarize yourself with upcoming expansions to NIH policies on data management and data sharing for NIH-funded researchers.

23. Join the conversation: get involved with a community of data practitioners through the Research Data Access and Preservation (RDAP) Association or learn about the work of the Academic Data Science Alliance.