

Working to Establish Best Practices for Data Sharing

The National Academies of Sciences, Engineering, Medicine

> Changing the Culture of Data Management and Sharing A Workshop

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Key Points

- Libraries and librarians are important providers of research data services
- Research Data Management Librarian Academy (RDMLA) is free online training on data management and services
- RDMLA mini-module on the NIH Data Sharing Policy launching this summer



Most Common Data Services Provided

Backend One on One Software Frontend Training Consultations Services Services **Products** assistance writing data sharing data products for data management finding data sets data architecture clinical trials and management workshops plans methods R, Python, identify visualizations Tableau statistical analysis metadata repository products workshops formatting for statistical data visualization data analysis products institutional data e-lab notebooks repository



About RDMLA

- Global, free online professional development
- 11 self-paced learning units
- Partnership institutions
- Translation effort (NTU)























RDMLA Curriculum

- Data analysis and visualization tools
- Coding tools
- Platform tools
- Data copyright licensing and privacy
- Data curation





























Typical RDMLA Unit Structure

- Lecture
- Slides
- Video
- Exercises
- Quizzes
- Readings
- Case study





Mini-Module: Trending Topics

- Emerging topics
- Videos
- Webinar or interviews
- Approximately 1 hour





First RDMLA Mini-Module

- NIH Data Sharing Policy
- Speakers: Taunton Paine, Dr. Cindy Danielson, Dr. Lisa
 - Federer, and Heather Coates
- Coming this summer





Wrap-up

- Data management and sharing requires partnership and collaboration amongst many entities
- Librarians are effective partners





Accessing RDMLA

Check out the Course at: canvas.net/browse/simmonsu/courses/researchdata-management

Project Website: https://rdmla.github.io/



Questions?











