

Introduction to Research Data Management

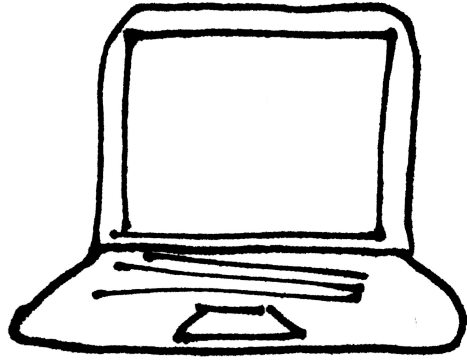
Welcome



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Introductions

1. Your name
2. What do you study, or intend to study, in your research?
3. Do already have, or work with, data?



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- Broad introduction.
- No prerequisites and no grades.

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One rule

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One expectation

Active participation.

Defining data

How would you define research data? What is it to you?

Defining data

Research data are information artifacts that scholars draw upon for evidence in supporting research claims, and producing new knowledge.

Research data management

Research data management (RDM) refers to the practices of organizing, documenting, storing, sharing, and preserving data collected during a research project.

The aim of research data management is to ensure that data are usable over time.

Discussion

Why is research data "management" a thing?

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- Personal efficiency

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- Happy advisors

Discussion

Why is research data "management" a thing?

- Personal efficiency
- Happy advisors
- The future

Topics covered

- **Collecting** and **formatting data** for easy analysis.
- **File organization** and **naming conventions** for identification.
- **Documentation** and **version control** for tracking changes and roll-back.
- Managing **storage** and **access** locations for security and collaboration.
- **Back-up** procedures for redundancy.
- **Quality control** for integrity.
- Policies for **sharing** and **reuse**.
- **Archiving** for future accessibility.

Question

What do you hope to gain from the workshop series?

References and resources

- DataONE. "Primer on data management" [PDF](<http://escholarship.org/uc/item/7tf5q7n3>)

Break

