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?
Our agreement

- Broad introduction.
- No prerequisites and no grades.
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One rule
Individuals who behave in a manner that shows intent to exclude, intimidate, or cause discomfort to others will be asked to leave.
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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?
Discussion

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- Personal efficiency
Discussion

Why is research data "management" a thing?

- Personal efficiency
- 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