

Introduction to Research Data Management (RDM) Takeaways Handout

FGS Developing Your Research Series 2025-10-15

Guides, Principles, and Policies

- [AU Library Guide to Research Data Management](#)
- [RDM PD course on PowerEd](#) (free)
 - Access code: Researchfree
 - ****Note:** it looks like you need to pay, but you don't when you use the above code.
- Data Management Guides, by Eugene Barsky, UBC
 - [Good Enough Research Data Management](#) (a brief guide)
 - [Research Data Management Data Guide](#)
- [FAIR Principles](#)
- Indigenous Data Sovereignty
 - [Global Indigenous Data Alliance](#)
 - [CARE Principles](#)
 - [First Nations Information Governance Centre](#)
 - [OCAP Principles](#)

Ethics and Sensitive Data

- [Ethical Conduct for Research Involving Humans – TCPS 2 \(2022\)](#)
- **Portage Sensitive Data Tools**
 - Portage (now under the Digital Research Alliance of Canada) created a three-part toolkit.
 - [A Glossary of Terms for Sensitive Data used for Research Purposes](#)
 - [A Human Participant Research Data Risk Matrix](#)
 - Intended to help researchers determine risk level and make decisions about data management (including deposit and appropriate access)

- [A document providing samples of Research Data Management Language for Informed Consent](#)
- [De-identification Guidance](#)
 - Created by the Portage COVID-19 working group as part of a 5-document series of guidance on sharing COVID-19 research data. Links to these documents are available in the [AU Library Guide to RDM here](#).

File Naming and Data Documentation

- [File naming advice](#) (AU Library Guide) and [worksheet](#)
- [Research Data Alliance Metadata Standards Catalog](#)
 - Browse standards by disciplinary area, view use cases, and explore tools.
- Readme Templates (for documenting your data)
 - [FRDR's template](#) (for data deposit)
 - [Cornell's Guidance and Template](#)
 - [AU file naming and folder organization readme template](#)
- [The Turing Way Guide for Reproducible Research](#)
 - Has sections on documenting computational environments and code

Compute and Storage

- Technical Support (AU IT) – submit a request to helpdesk@athabascau.ca
 - Ask for help from “research tools squad”
- [Digital Research Alliance of Canada ARC \[previously Compute Canada\]](#)
 - Advanced Research Computing
 - Data storage and back-up
 - Note: students need to be sponsored by faculty supervisors

Data Deposit

- [AU Data Repository](#)
 - [Guide](#) for depositing data
- [Federated Research Data Repository \(FRDR\)](#)
 - A nationally supported repository
- [Registry of Research Data Repositories](#)



- For finding repositories
- [NIH Desirable Repository Characteristics](#)
 - For evaluating repository options

Data Management Plans (DMPs)

- [DMP Assistant](#)
- Example DMPs:
 - McMaster University has created a [DMP Database](#)
 - [Examples](#) have also been published by the Digital Research Alliance of Canada (the link is to Zenodo search results)

Other useful library links:

- Use this [calendar](#) to book a data-related consultation with AU Library

AU Library: <https://www.athabascau.ca/library/>

- **Research Guides:** <https://www.athabascau.ca/library/get-library-support/guides-tutorials-webinars.html>
- **Data and Statistics Guide:** https://libguides.athabascau.ca/data_stats
- **Guide to the Research Process:** <https://libguides.athabascau.ca/researchprocess>
- **Search Strategies/Keyword Searching:** <https://libguides.athabascau.ca/booleansearching>
- **Search Like a Pro Mini Course:** <https://www.athabascau.ca/library/get-library-support/guides-tutorials-webinars.html#special-topics>

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