

# Introduction to Research Data Management (RDM) Takeaways Handout

FGS Developing Your Research Series 2026-02-11

## 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](mailto: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](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>

 [@AULibArchives](#)

 [@AthabascaUniversityLibrary](#)

 [library@athabascau.ca](mailto:library@athabascau.ca)