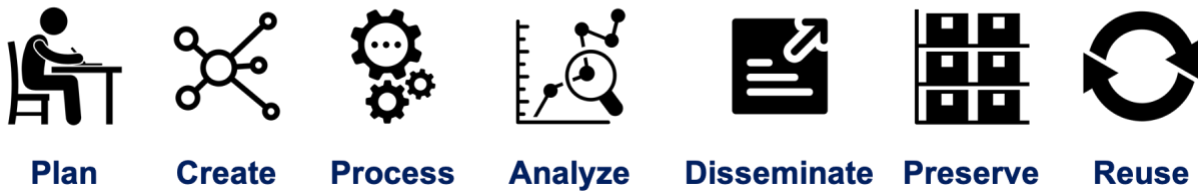


RESEARCH DATA MANAGEMENT

Research Data Management (RDM)

- RDM refers to the processes applied throughout the lifecycle of a research project to guide the collection, documentation, storage, sharing, and preservation of research data.
- RDM practices are integral to conducting responsible research and can help researchers save resources by ensuring their data is complete, understandable, and secure.
- RDM practices also follow institutional and funding agency guidelines that protect their investments.
- The broader research community can derive maximum value from research data that can be accessed, shared, reused and repurposed.

The Research Data Lifecycle



Life cycle model developed by the [Leadership Council for Digital Research Infrastructure](#).

Defining Research Data

- Primary sources supporting research, scholarship or artistic endeavours
- Can be used as evidence to validate findings and results
- May take the form of experimental data, observational data, operational data, third party data, public sector data, monitoring data, processed data, or repurposed data
- All other digital and non-digital content have the potential to become research data

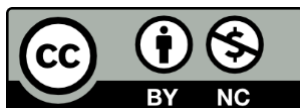
Canadian and International RDM Resources:



- [Portage Network](#)
- [Research Data Canada](#)
- [UK Data Archive](#)
- [Digital Curation Centre](#)
- [LEARN Project](#)
- [Research Data Alliance](#)
- [DataONE](#)
- [Dataverse](#)
- [Australian National Data Service](#)

Canadian RDM Policies:

- Canada's "[Action Plan on Open Government](#)" outlines the development and adoption of policies, guidelines and tools to support the effective stewardship of scientific data.
- Canada's Tri-Council granting agencies (CIHR, NSERC, SSHRC) have adopted a "[Statement of Principles on Digital Data Management](#)", which identifies expectations and responsibilities for the management of data produced with public funding. Completing data management plans can help to meet these expectations and responsibilities.



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