



# Workshop Series: Reusable Research Data Made Shiny

Ontario Dairy Research Centre | Zoom  
February 21<sup>st</sup> - 24<sup>th</sup>, 2023





Welcome!

Session 1

Session 2

Session 3

Session 4

Wrap-up!



# QUESTIONS



## Re-usable data

When we start to think about someone “re-using” your data - what questions/challenges beyond metadata come to mind?



Data Governance - DISCUSSION

What does Data Governance mean to you?  
KAHOOT



## Definitions of Data Governance

1. DAMA Data Management Body of Knowledge (DMBOK):  
“The exercise of authority, control and shared decision-making (planning, monitoring and enforcement) over the management of data assets.”
2. Global Data Strategy:  
“Data Governance is a business led continuous process to improve data for the benefit of all data stakeholders.”
3. Google Cloud:  
“Data governance is a principled approach to managing data during its life cycle, from acquisition to use to disposal.”



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“Data governance is a **principled approach** to **managing data** during its **life cycle**, from **acquisition** to **use** to **disposal**.”



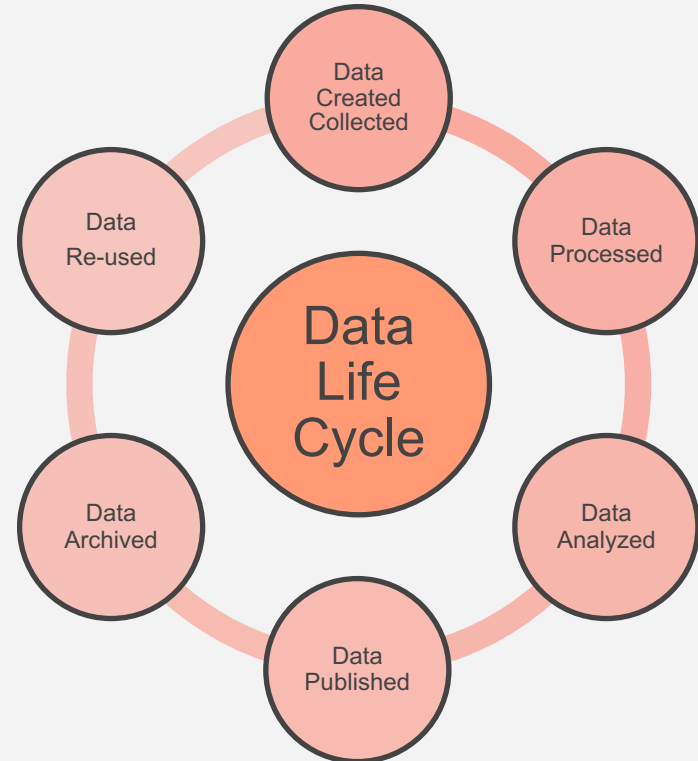
## Research Data Governance

### Research Data – Governance:

- Research data is a valued asset
- It needs to be managed
- Where does everyone stop when they think Governance?

### Overarching:

**ACCESS and OWNERSHIP**





## Research Data Governance

Why do we NEED data governance?

- There are regulations in place that may affect your data – GDPR (2018), PIPEDA (2000)-> accountability
- Data is a strategic asset -> data-driven decisions
- Easier to find data – less duplication of efforts
- Collaborations





## Research Data Governance

Why do we NEED data governance?

- There are regulations in place that may affect your data – GDPR (2018), PIPEDA (2000)-> accountability
- Data is a strategic asset -> data-driven decisions
- Easier to find data – less duplication of efforts
- Collaborations
- Data SHOULD be a valued asset and outcome of RESEARCH



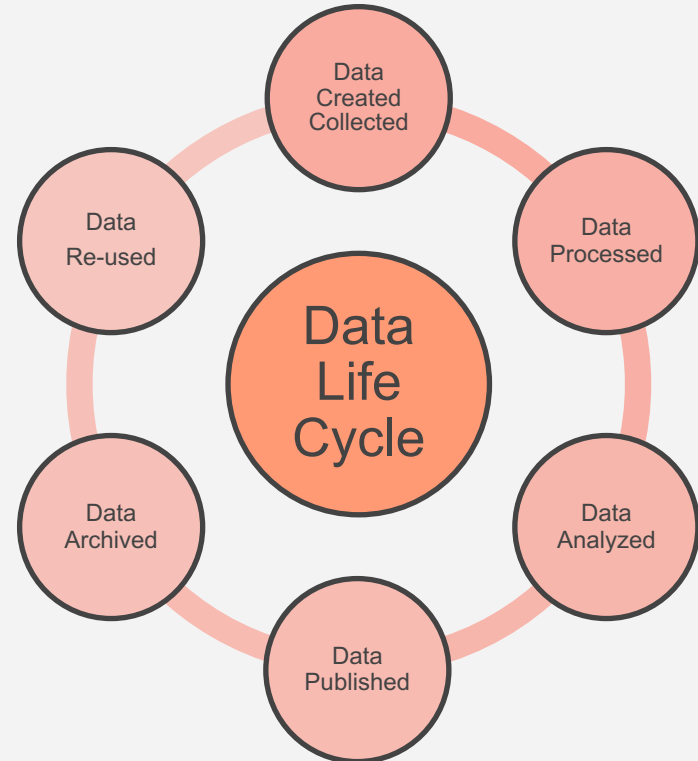
## Research Data Governance

Research Data Management– Governance:

Overarching:

**ACCESS and OWNERSHIP**

- Challenge when it comes to research data
- "managing data during its life cycle, from acquisition to use to disposal."





Research Data Governance - DISCUSSION

Who is responsible for "managing data during its life cycle, from acquisition to use to disposal..." for any given research project??

KAHOOT



## Who owns the data?

Underlying question:

Who OWNS the data? Who provides ACCESS to the data?



## Who owns the data?

### Personal Data World

- Credential data – birth certificate, SIN, SSN, driver's license
- Title data – document that should you own something – property, car, cell phone
- Digital possessions – photos/videos you have taken – music, ebooks that you have purchased
- Historical records – educational, health, employment record

WHERE IS all this "data"???



## Research Data - Sharing

### Research data example:

- Your project data
  - What information/data did you collect and where?
  - Who OWNS the data?
- Who can provide access to it?



## Research Data - Sharing

Data Owners

Data Stewards

Data Custodian

Who decides access??? - NOT an easy answer!!



# Coffee Break!

