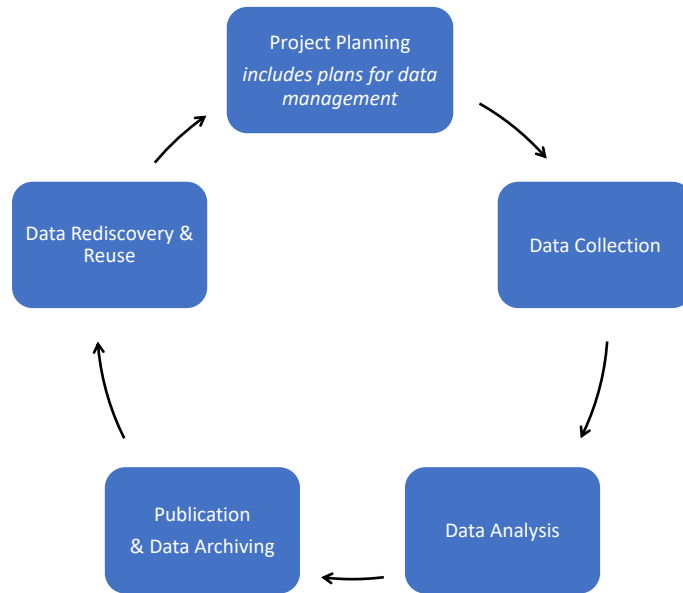
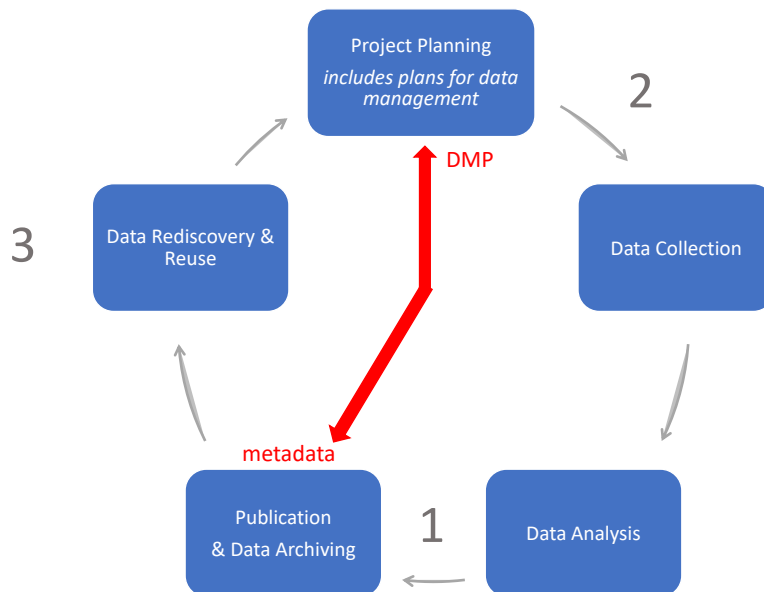


Contemporary “Research Data Life-Cycle”



1

Contemporary “Research Data Life-Cycle”



2

‘Data Management Plans’ become ‘Metadata’

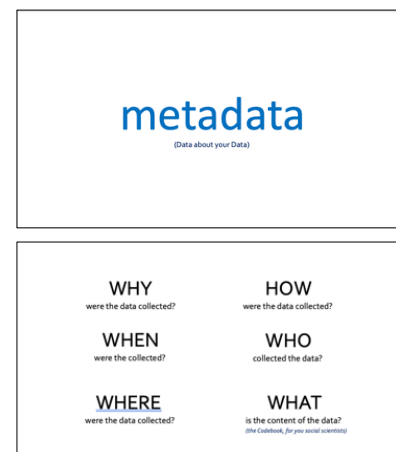


3

Data Management Plans

- Formal document that lays out your plan for managing the data you will collect (or have collected).
- Outlines what you will do with your data during and after you complete your research
- Ensures your data is safe for the present and the future

Does this sound familiar?



4

Why do a DMP?

- Save time
- Less work later
- Increase research efficiency
- **You may not have a choice.**



5

Components of a DMP

1. Information about data & data format
2. Metadata content and format
3. Policies for access, sharing and re-use
4. Long-term storage and data management
5. Roles and responsibilities
6. Budget

Again: Does this sound familiar?

6

Today....

DATA MANAGEMENT PROJECT LAS 6292 (2021)

Assignment overview

Your project this semester is to (1) clean and organize a 'messy' data set, **(2)** prepare metadata describing the resulting 'clean' data, and **(3)** prepare a data management plan for your thesis research. The assignment is **due** **due 30 April 2021** by 5 pm and has a **total value of 800 points**.

The complete project requires the submission of three items via the course Canvas website:

- 1) R code that imports, cleans, and organizes the 'messy' data and then saves the resulting 'clean' data. Please make sure I have access to the original ('messy') data, either by providing a link or the data themselves. If these data cannot be shared because of privacy / confidentiality concerns please let me know in advance so we can arrange an alternative means for me to review them.
- 2) A link granting access to a .txt file of Metadata describing these data.
- 3) A link granting access to a Data Management Plan for your thesis research (acceptable formats for the file include .pdf, .txt, and .docx)



dmptool.org