Instructions for the report

Based on the data workflow diagram on which you have worked during day 2, and based on the topics tackled during the course, write a **report** of 2 to 4 pages max to elaborate on **how to improve your own RDM practices**.

Write it based on these 6 axes:

a. **Describe** in written form your current data workflow (actual processes, not the diagram) in one paragraph. If possible, check if it aligns or not with the DMP associated to your research project.

b. **Identify** current pain points and related improvement areas, and write them. Consider as pain points the stages of the current data workflow that generate or are most likely to generate problems.

c. **List** and describe five (5) actions (or to-dos) that are likely to improve your RDM practices by mitigating or eliminating the pain points (see b.), and prioritize these actions. Explain the choice of actions as well as the choice of prioritization.

d. **Explain** how the proposed actions (see c.) would be reflected as changes of your own data workflow. Where it's the case, also tell which action implies a change in the practices of other members of your research group/lab.

e. **Integrate** the proposed changes (see d.) in an improved data workflow diagram. Attach the improved data workflow diagram to the report.

Assessment criteria

The teachers will assess your final report based on both its content and its formal aspects, by considering the following criteria:

A. **Consistency** of the RDM approach (no internal contradictions, sound logic based on RDM good practices).

B. **Completeness** of the written report (description of current practices, improvement areas, 5 actions list, prioritize actions, highlight actions implying a practical change, explain foreseen improvements)

C. **Completeness** of the data workflow diagram (following the checklist, using subjects seen in the course, integrating suggestions from first feedback)

D. **Correspondence** of data workflow diagram & report

E. **Compliance** with instructions (deadline, length, diagram is attached)

Deadline: Wednesday March 6, 2024, at 23h59.
Submission on Moodle: https://go.epfl.ch/ChE-601