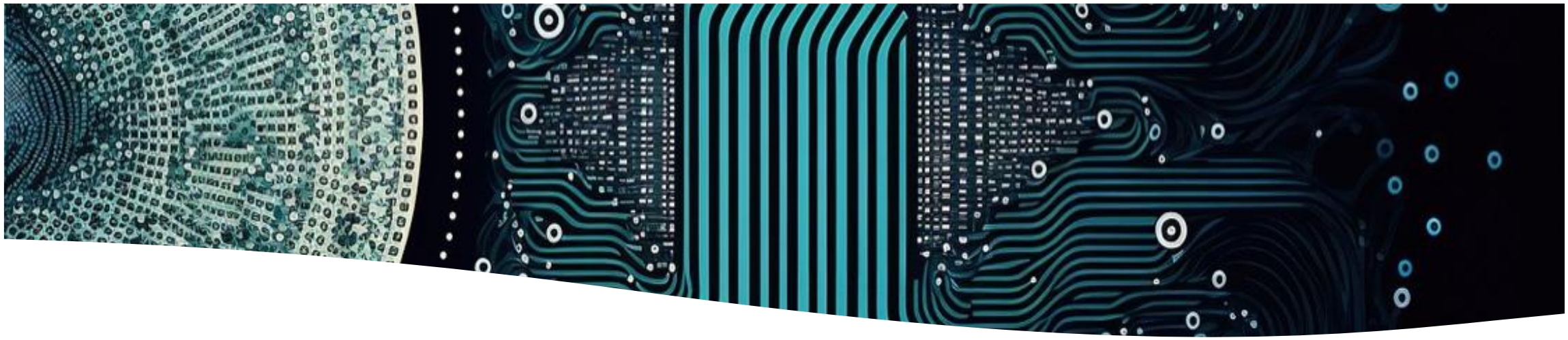


Data Management Plan for PhD Students

(May 2026)

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Contents

- Data Management Plan (DMP)
  - What is it?
  - Advantages of creating one
- The FAIR principles at the Data Management Plan
- Using CORA eiNa.DMP to create your Data Management Plan
- Open Data Management Plan
- Further Online Resources

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Data Management Plan – What is it?

A Data Management Plan (DMP) describes the data management of the life cycle of the data generated during a research process

The plan should include information about:

- the handling of research data during & after the end of the project
- what data will be collected, processed and/or generated
- which methodology & standards will be applied
- whether data will be shared/made open access
- how data will be curated & preserved (including after the end of the project).

Data Management Plan – What is it?

10 steps to create your DMP

- Funding agencies requeriments → FAIR Data
- Data identification
  - Tipology
  - Provenance
  - Volume
  - Format
  - Files
- Handling the data
- Explain how the data and metadata will be documented
- Describe processes for good data quality
- Data storage and preservation strategies
- Define data policies
  - Intellectual property
  - handling of personal data
- Describe how the data will be disseminated
- Assign roles and responsibilities
- Prepare a realistic budget

Data management plan – Advantages

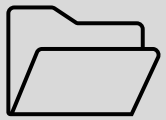
It's a good **methodological resource** that:

- Enables you to manage the research data in an **organized** and **efficient** way (it prevents data loss)
- Helps to **systematize** the data collection
- Promotes data **sharing** and **access**
- Ensures **transparency** and **integrity** in your research

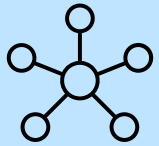
FAIR principles' requirements



Findable
Data and metadata easily findable by humans and machines



Accessible
Humans and computers can easily access and download datasets



Interoperable
Data and metadata able to interoperate with other systems



Reusable
Replicable data and metadata

FAIR requirements at the Data Management Plan

Findable

Persistent Identifier

Metadata

Keywords from Controlled Vocabularies

Etc.

File naming conventions

For example

Name_<YYYYMMDD>_<version n.>

Test_20231025_v01.csv

Example:

CORA RDR: doi.org/10.34810/data674

Zenodo: doi.org/10.5281/zenodo.4571628

Multidisciplinary

Etc.

Subject based

Etc.

OAI-PMH

Open Archive Initiative-Protocol for Metadata Harvesting

FAIR requirements at the Data Management Plan

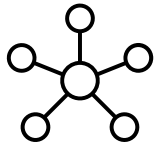
Accessible

Trusted repositories

- CORA Repositori de Dades de Recerca
- zenodo
- figshare
- Etc.

- Persistent Identifier
- Embargo
- Open Data
  As open as possible, as closed as necessary
- Anonymization
- Access restrictions
- Preservation
- Open Software

FAIR requirements at the Data Management Plan



Interoperable

Which

vocabularies, standards, formats and methodologies

of

Data and/or metadata

allow

Interoperability

SOME EXAMPLES

OAI-PMH
Internet Protocol

ASCII
Character code

Standards of:
- Dates
- Temperatures
- Geolocation
- Etc.

.csv
.txt .pdf
.jpg
Open file Formats

MARC
Dublin Core
Metadata Standards

FAIR requirements at the Data Management Plan

Reusable

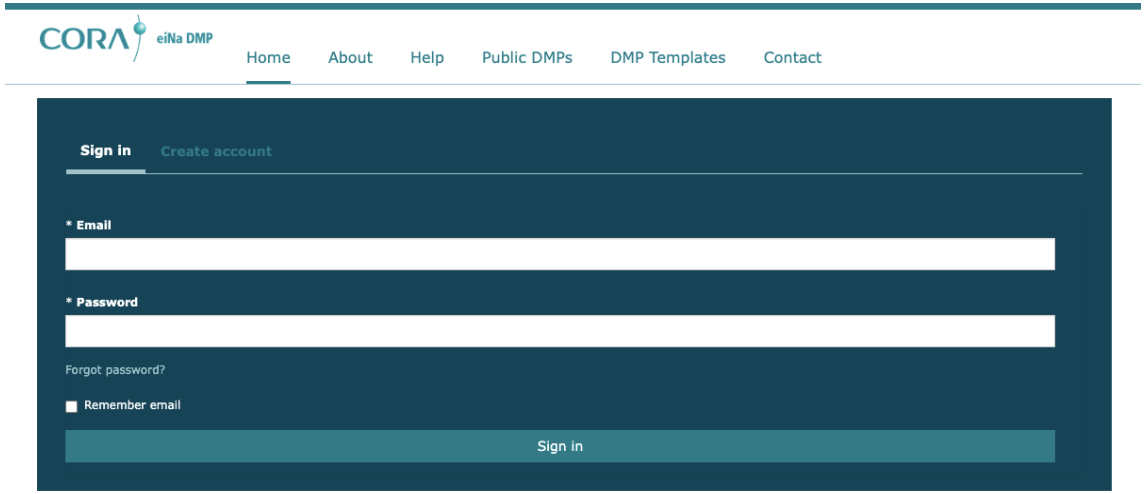
Data reuse

Readme.txt

Creative Commons Licenses
(It is necessary to check the requirements of the agreement)

CC licenses recommended by the UAB

Create the Data Management Plan with CORA eiNa.DMP

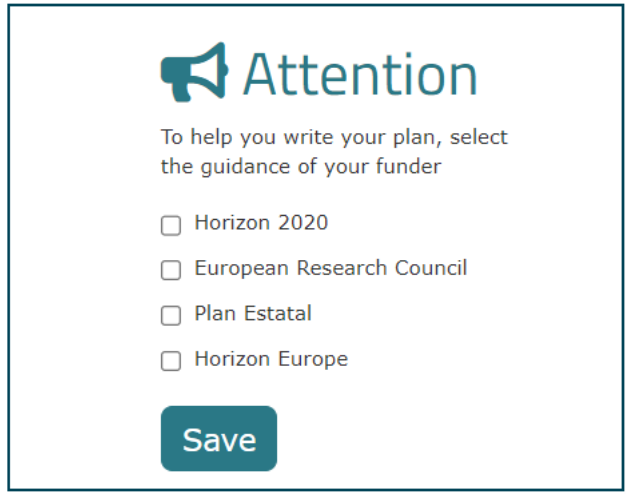


dmp.csuc.cat/

PGD templates available

- Agencia Estatal de Investigación
- Doctorand
- European Commission
- European Research Council (ERC)
- Software Management Plan

Help guides



CORA EiNa.DMP – Guide



(In Catalan)

confluence.csuc.cat/display/RDM/Inici

Data Management Plan – Checklist

Data Management Plan checklist for PhD students

https://ddd.uab.cat/record/327395

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Questions about…

Research ethics
Research Ethics Committee (CERec)

Personal data management
Data Protection Officer

Data Management Plan – Video tutorials

UPF's Video tutorials:

youtu.be/NZBG1dB4k2A



youtu.be/PNmHhC3249Q



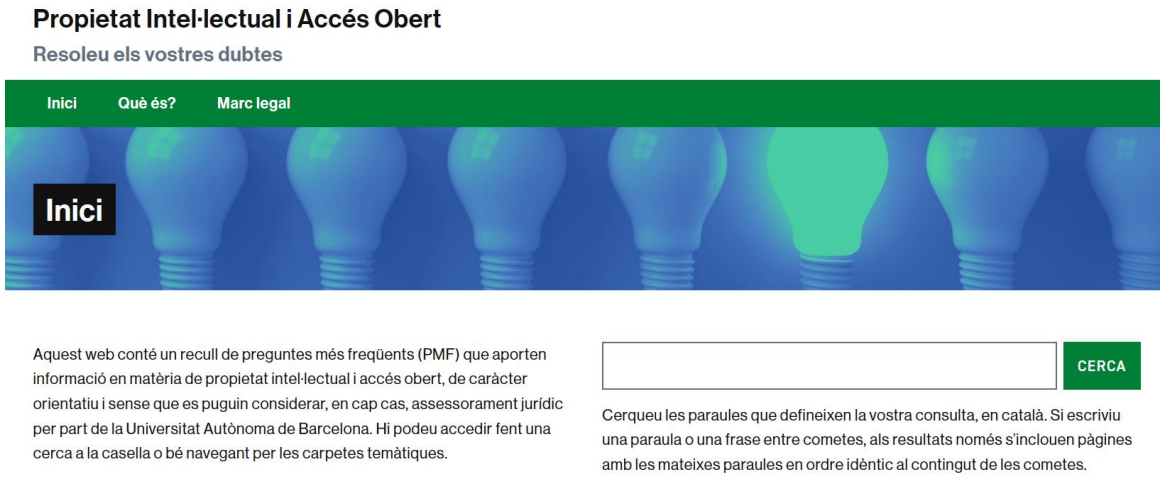
Universitat Pompeu Fabra. Pla de gestió de dades per a doctorands [Internet]. YouTube.com; [2022][Last visited 14 march 2024]. Available at: youtu.be/NZBG1dB4k2A

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Open Data Management Plan

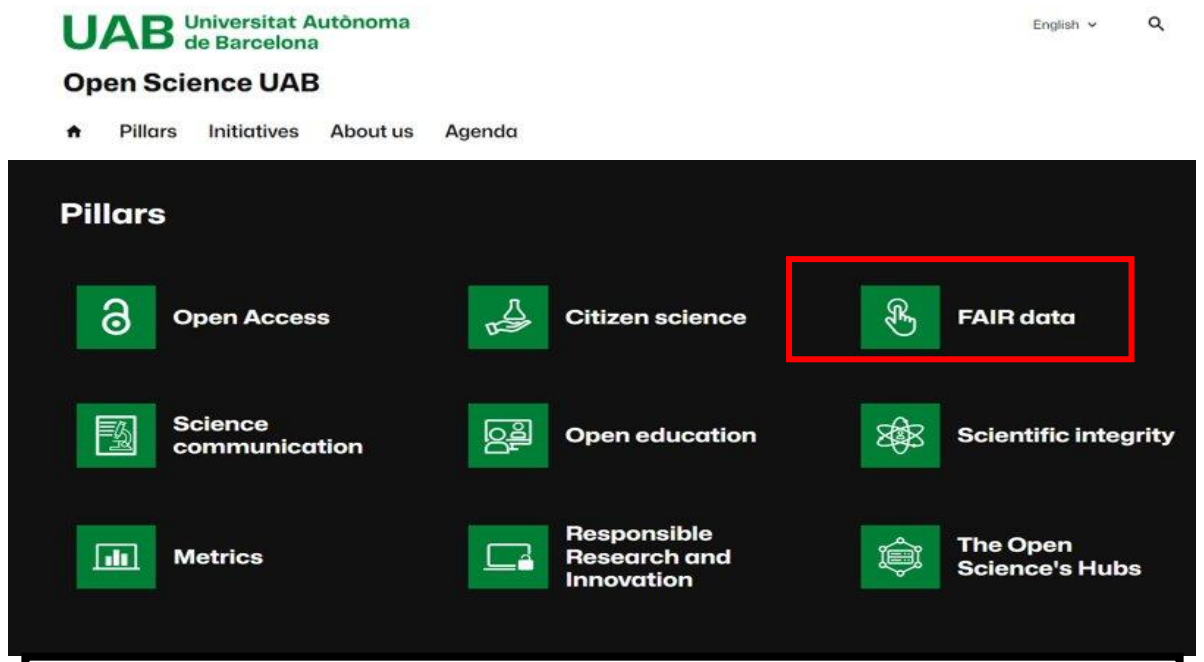


Intellectual Property and Open Access
(in Catalan)



https://www.uab.cat/propietat-intellectual

Open research data at UAB



https://www.uab.cat/en/open-science

Data Management Plan – Support materials

- Consorci de Serveis Universitaris de Catalunya. (2022). *Bones pràctiques en gestió de dades de recerca: Recomanacions de format*. https://ddd.uab.cat/record/233673
- Consorci de Serveis Universitaris de Catalunya. (2023). *CORA.eiNa DMP*. https://dmp.csuc.cat/
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- Universitat Autònoma de Barcelona, Servei de Biblioteques. (2022). *Plantilla Readme per als conjunts de dades de recerca en obert*. https://ddd.uab.cat/record/226740

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European Commission. EU grants: Data management plan (HE) [Internet]. [Brussels]: European Comission, 2022 [Last visited: 14 april 2026]. Available at.: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/reference-documents;programCode=HORIZON?selectedProgrammePeriod=2021-2027

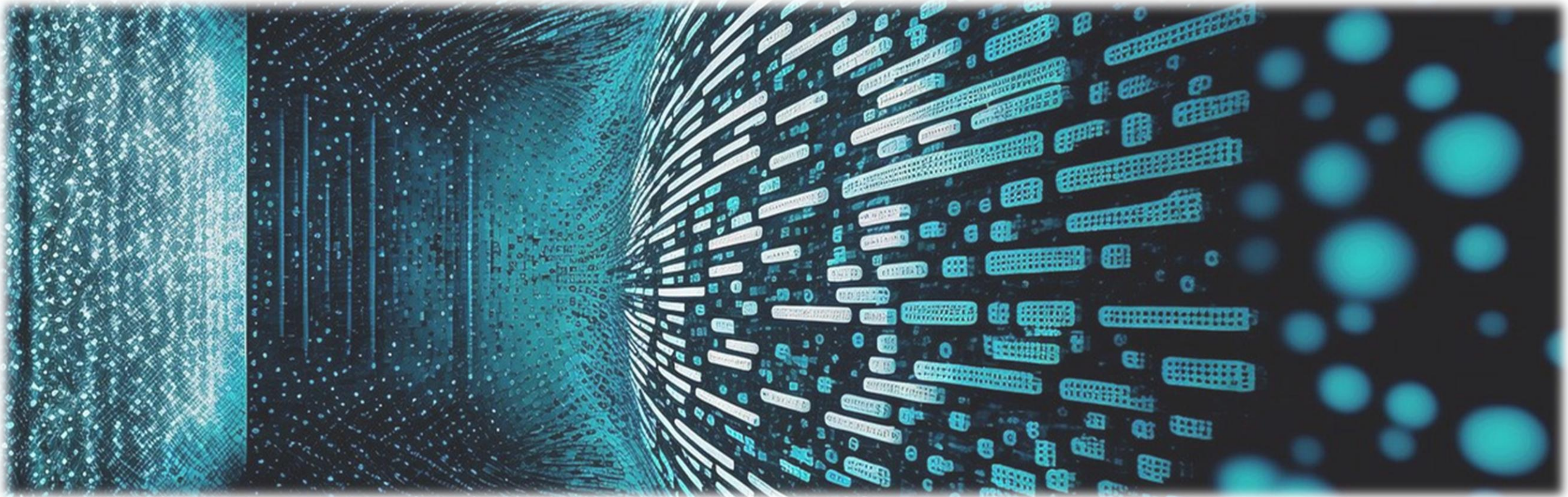
Part of this presentation is taken from:

- Azorín, Cristina; Ferrer Torrens, Joana; Jordan Gili, Marta. Dades de recerca : publicar-les en obert i fer el pla de gestió de dades [Internet]. 2023 [Last visited: 14 april 2026]. Available at: https://ddd.uab.cat/record/272022

- Gil Cano, Damià; Jordan Gili, Marta. El Pla de Gestió de Dades : com complimentar l'apartat FAIR [Internet]. 2023 [Last visited: 14 april 2026]. Available at: https://ddd.uab.cat/record/283843

You can find this presentation at:

ddd.uab.cat/record/291712



Thank you!



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