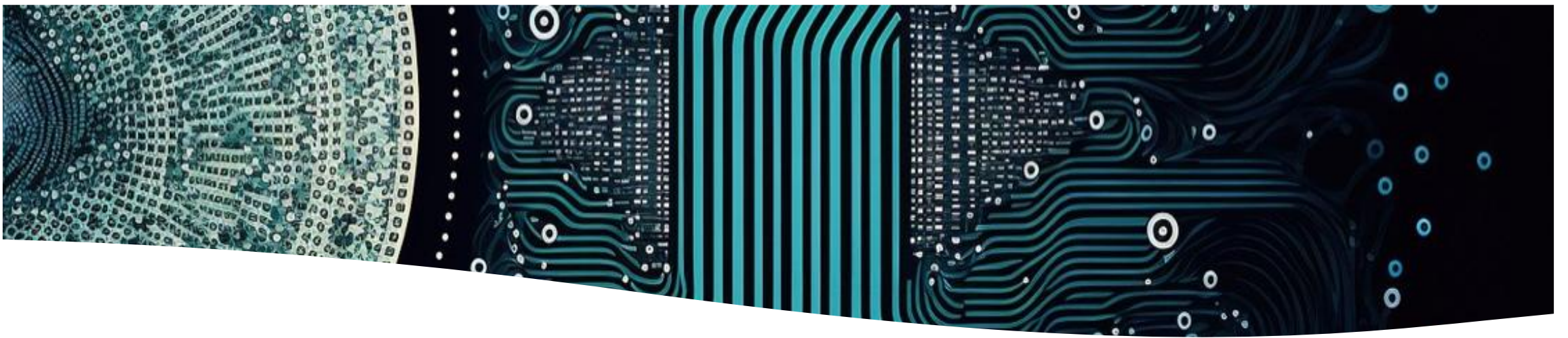




Data Management Plan for PhD Students

UAB Library Service

(November 2025)

UAB
Universitat Autònoma
de Barcelona



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

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?

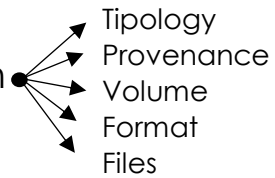
➤ 10 steps to create your DMP ◀



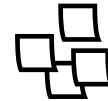
Funding agencies requirements → FAIR Data



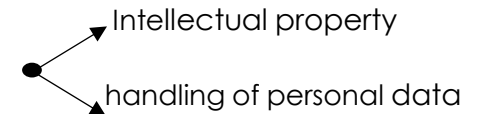
Data identification



Data storage and preservation strategies



Define data policies



Handling the data



Describe how the data will be disseminated



Explain how the data and metadata will be documented



Assign roles and responsibilities



Describe processes for good data quality



Prepare a realistic budget

Data management plan – Advantages

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

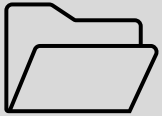
- Enables you to manage the research data in an **organized** and **efficient** way (it prevents data loss)
- Helps to **systematize** the data collection
- Promotes data **sharing** and **access**
- Ensures **transparency** and **integrity** in your research

FAIR principles' requirements



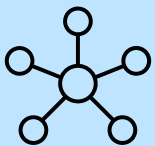
Findable

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

 **DublinCore**



Etc.

Keywords from
Controlled Vocabularies

Multidisciplinary

Subject based



Etc.



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

OAI-PMH

Open Archive Initiative-Protocol for Metadata Harvesting



FAIR requirements at the Data Management Plan

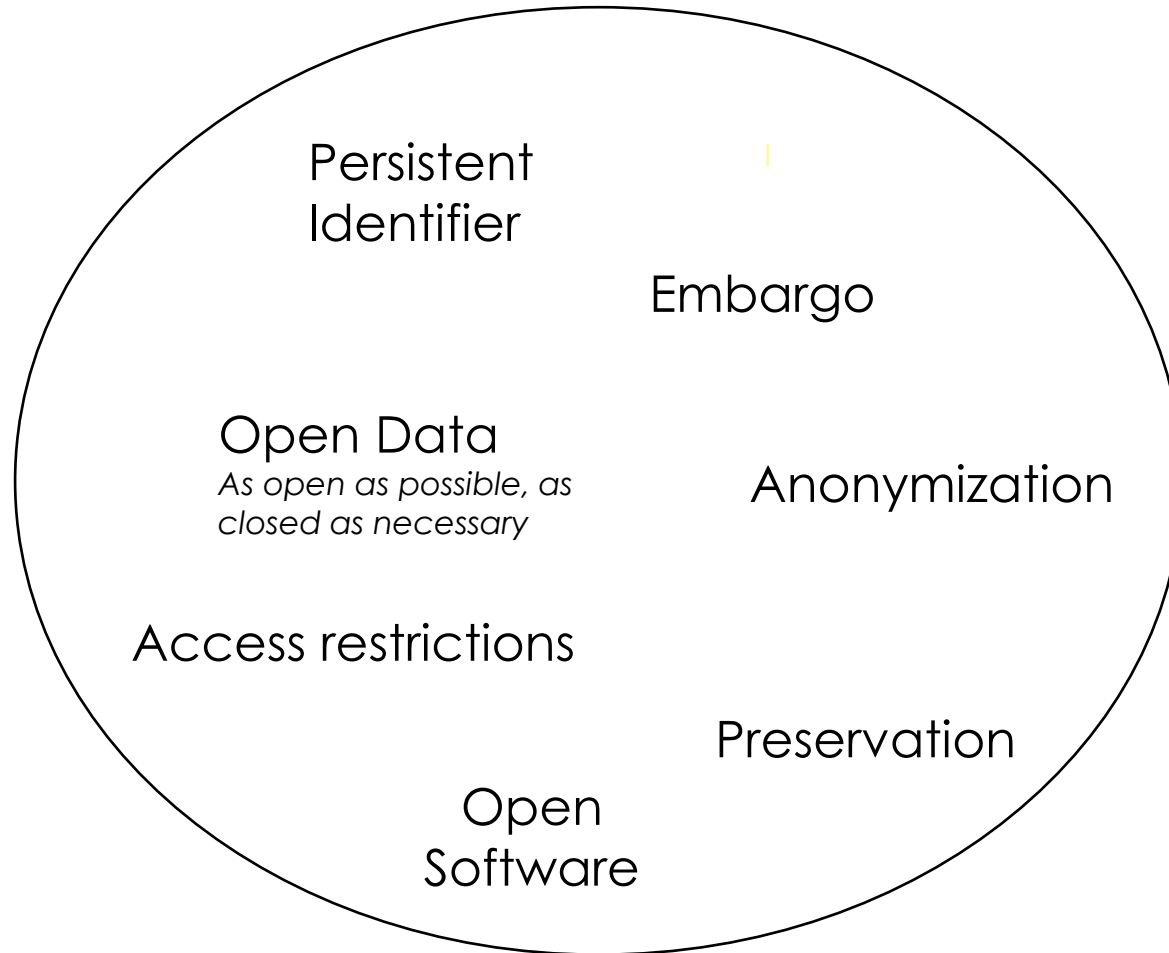


Accessible

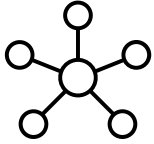
Trusted
repositories



Etc.



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

PGD templates available

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



Home

About

Help

Public DMPs

DMP Templates

Contact

Sign in

Create account

* Email

* Password

Forgot password?

☐ Remember email

Sign in

dmp.csuc.cat/

Help guides



Attention

To help you write your plan, select the guidance of your funder

☐ Horizon 2020

☐ European Research Council

☐ Plan Estatal

☐ Horizon Europe

Save

CORA EiNa.DMP – Guide



confluence.csuc.cat/display/RDM/Inici

Data Management Plan – Rubric

Data Management Plan (DMP) Evaluation Rubric by KU Leuven

<https://www.kuleuven.be/rdm/en/guidance/dmp/dmp-evaluation>

KU LEUVEN

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

Universitat Pompeu Fabra. Què és un DMP o Pla de gestió de dades[Internet]. YouTube.com; [2022]][Last visited 14 march 2024]. Available at: youtu.be/PNmHhC3249Q

Open Data Management Plan



Data Management Plan

ddd.uab.cat/collection/plagesdad

Intellectual Property and Open Access (in Catalan)

Propietat Intel·lectual i Accés Obert

Resoleu els vostres dubtes

[Inici](#) [Què és?](#) [Marc legal](#)

Inici

Aquest web conté un recull de preguntes més freqüents (PMF) que aporten informació en matèria de propietat intel·lectual i accés obert, de caràcter orientatiu i sense que es puguin considerar, en cap cas, assessorament jurídic per part de la Universitat Autònoma de Barcelona. Hi podeu accedir fent una cerca a la casella o bé navegant per les carpetes temàtiques.

CERCA

Cerqueu les paraules que defineixen la vostra consulta, en català. Si escriviu una paraula o una frase entre cometes, als resultats només s'inclouen pàgines amb les mateixes paraules en ordre idèntic al contingut de les cometes.

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

Open research data at UAB

UAB Universitat Autònoma de Barcelona English ▾ 🔍

Open Science UAB

[🏠](#) [Pillars](#) [Initiatives](#) [About us](#) [Agenda](#)

Pillars

 **Open Access**

 **Citizen science**

 **FAIR data**

 **Science communication**

 **Open education**

 **Scientific integrity**

 **Metrics**

 **Responsible Research and Innovation**

 **The Open Science's Hubs**

<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/>

Consorci de Serveis Universitaris de Catalunya. (2023). *Gestió de dades de recerca*. <https://confluence.csuc.cat/display/RDM/Inici>

Consorci de Serveis Universitaris de Catalunya. (2022). *Plantilles per a l'elaboració dels plans de gestió de dades*. <https://ddd.uab.cat/record/163561>

Consorci de Serveis Universitaris de Catalunya. (2023). *Repositoris multidisciplinaris*. <https://confluence.csuc.cat/x/DwHxCQ>

Consorci de Serveis Universitaris de Catalunya. (2023). *Vocabularis controlats*. <https://confluence.csuc.cat/x/0wAbCw>

Universitat Autònoma de Barcelona, Servei de Biblioteques. (2022). *Plans de Gestió de Dades (PGD)*. <https://ddd.uab.cat/collection/plagesdad>

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>

Bibliography

European Commission. H2020 Programme: Guidelines on FAIR Data Management in Horizon 2020 [Internet]. [Brussels]: European Comission, 2016 [Last visited: 12 march 2025]. Available at: https://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-data-mgt_en.pdf

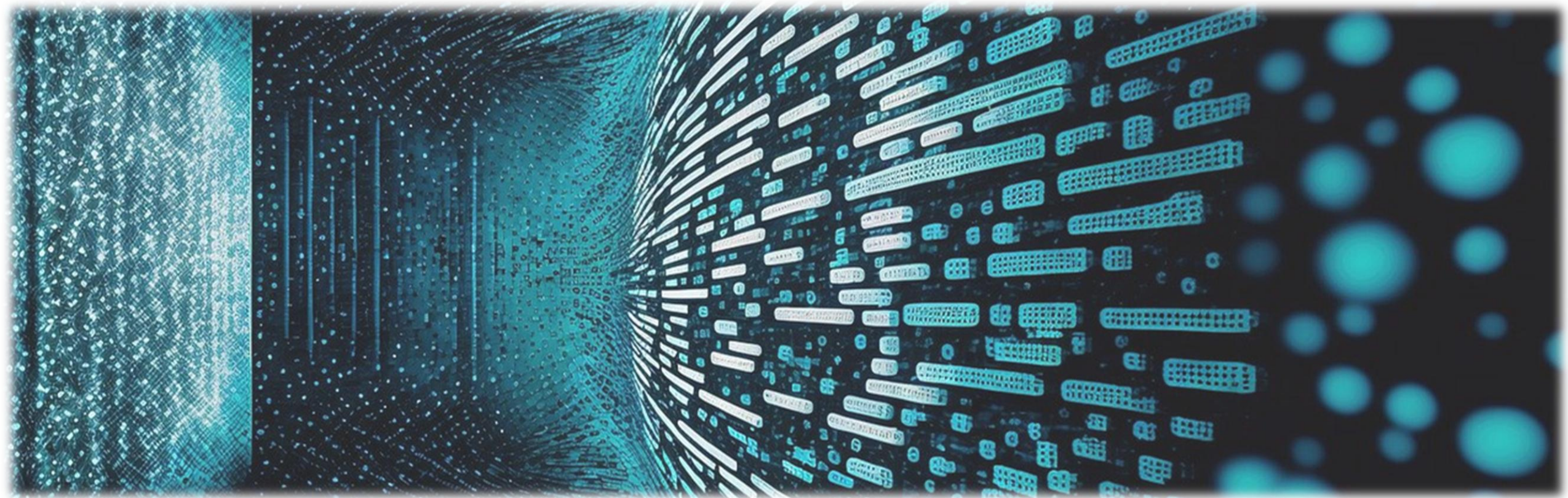
European Commission. EU grants: Data management plan (HE) [Internet]. [Brussels]: European Comission, 2022 [Last visited: 12 march 2025]. Available at.: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/reference-documents;programCode=HORIZON?selectedProgrammePeriod=2021-2027>

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: 12 march 2025]. 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: 12 march 2025]. 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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