



Open Data – How to make the data available with

Mendeley Data

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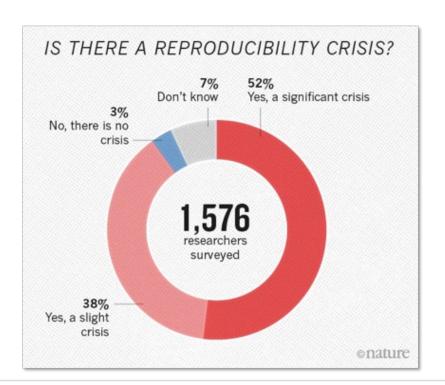
Solutions Sales Manager

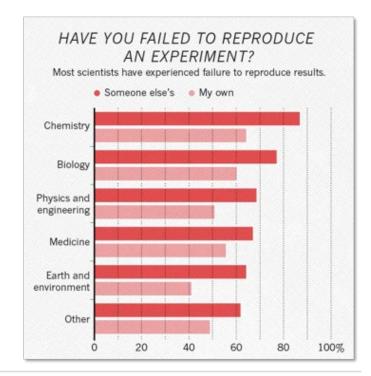


Some figures about WW Research Data Management

- 29% of datasets are still not even published online and only 7% are trully open.
- Only 31% of published dataset have some supporting basic metadata or guidance documentation.
- 26% of datasets are not up-to-date.
- Only 24% can be accessed and download in bulk.

Research Reproducibility







An End-to-end Research Data Management



How we deliver

- **1.Open system:** through open APIs, modules can be integrations with other RDM tools
- 2. Data remains private at or owned by institution
- **3.System is integrated** with the researcher workflows, to ensure simple and clear use
- **4. Researchers continue to work the same way**, avoiding additional bureaucracy and administration

Integrating with global RDM ecosystem

Long-term preservation of published datasets

- Mendeley Data indexed by OpenAIRE index
- OpenAire Zenodo repository indexed by Mendeley Data Search
- Mint DOIs for Mendeley Data Repository
- Data Cite indexed by Mendeley Data Search

Links between articles and datasets:

- Contributed by Mendeley
 Data to Scholix
- Indexed by Menndeley Data Search and Data Monitor
- Consumed by Scopus and ScienceDirect

Integrate with machine readabledata management plans

- For more than 35 repositories the metadata as well as the underlying datasets are indexed by Mendeley Data Search
- First repositories are actively integrating with the free and open 'push API' of Mendeley Data Search

























Scopus

- Mendeley Data Search results are visible on Scopus
- Notify new articles to Monitor for data sharing compliance
- Datasets appear as records on Scopus (planned)



Pure

- Mendeley Data Repository datasets are automatically synced with the Pure curation workflow
- Projects, grants, equipment, showcase on portal (planned)



SciVal

Researcher and Institutional Dataset metrics



Plum Analytics

- Mendeley Data usage is accessible through Plum API and widget
- Plumx metrics (citations, usage, social mentions) are captured and shown on Mendeley Data Repository



SSRN

Publish datasets alongside an article on Mendeley Data within the SSRN publication flow



ScienceDirect

Publish or link datasets alongside an article on Mendeley Data within the ScienceDirect publication flow

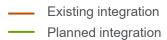




- User identity & login
- · Library (planned)
- · Notes (planned)
- Projects (planned)

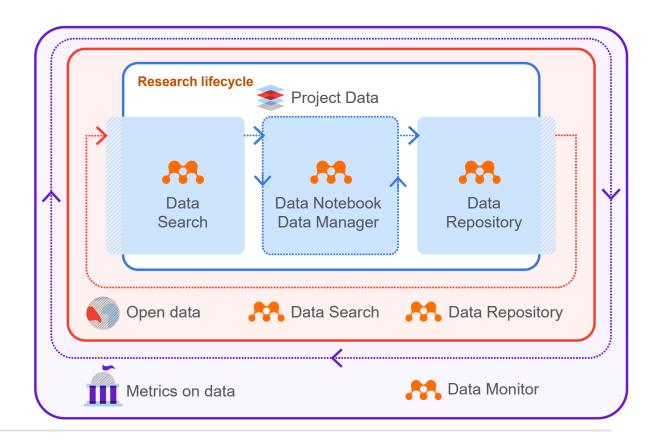


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Mendeley Data

A modular, cloudbased platform designed for institutions, to manage the entire lifecycle of research data





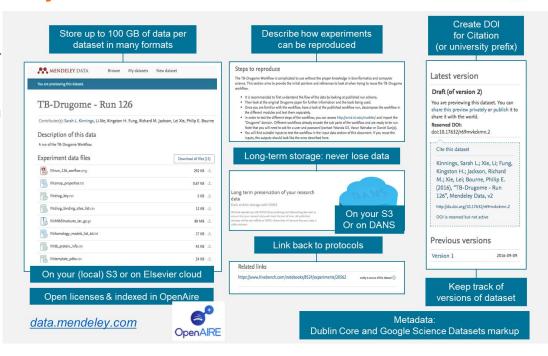
M Data Repository

Keep datasets in a trusted repository

Researchers can:

- Store up to 100 GB of data per dataset in many formats
- Describe how experiments can be reproduced
- Keep track of versions of dataset
- Create DOI for Citation (or university prefix)

Want to know more? data.Mendeley.com





M Data Manager

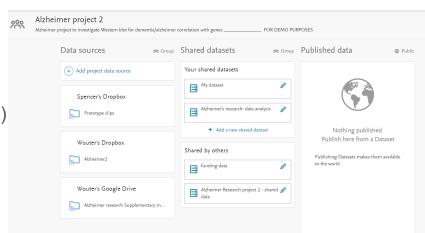
Go from raw files to active datasets

Researchers can:

- Share data privately within a research project
- Invite external collaborators to join a project
- Gather research data from data sources as it's generated (including Electronic Lab Notebooks, ELNs)
- Annotate research data with detailed, subject-specific metadata
- Curate data according to project or institutional workflows
- Prepare to publish data on repository of your choice
- Open APIs allow tailored upload forms, automated workflows, analyze and re-upload data files

Want to know more? data.Mendeley.com







Retrieve active data, discover public data

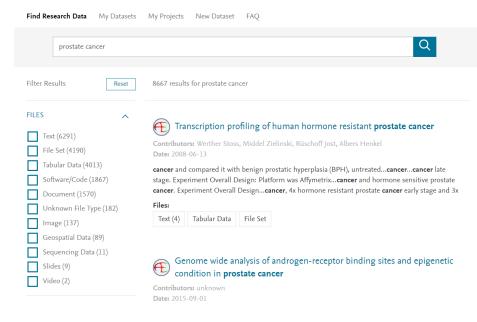
Discover data

- 10 million+ datasets indexed from more than 35 repositories
- Deep indexing of data significantly enhances the relevancy of results
- Keyword search within data files
- In line file previous
- Filter search results by specific author, institution, journal, subject category

Retrieve active data*

- Navigate to locally held institutional data
- Powerful keyword search and filtering

Want to know more? data.Mendeley.com





∴ Data Notebook (ELN)

Capture data and results

Researchers can

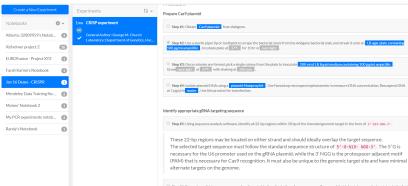
Keep track of experiments, results and data in the lab

 Use your own structured protocols or import and adapt from a protocols library

- Easily prepare data and results to share with collaborators and other globally
- Setup and maintain groups

Institutions can

- Have access to data after project end
- Our S3, your S3 or private cloud



Want to know more?
Hivebench.com

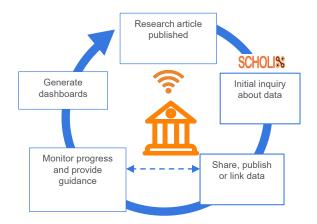


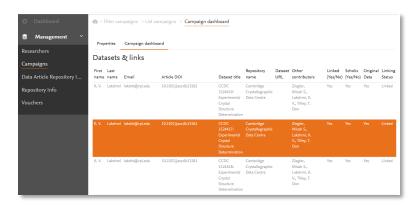
M Data Monitor

Encourage and monitor compliance

Institutions can

- Achieve credibility, visibility and integrity of key research outputs
- Keep track of your data inside and outside your institution
- Maintain visibility of events in the research data management space
- Improve adoption of data sharing tools by researchers
- Communicate the value of data sharing to researchers during the research process





Why Mendeley Data is the best solution for RDM



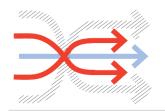
Elsevier's Mendeley Data platform supports the entire lifecycle of research data

The **5 modules** that make up Mendeley Data are specifically designed to utilize data its fullest potential, simplifying and enhancing current way of working.



Researchers own and control data, Elsevier does not

Mendeley Data allows researchers to keep data private, or publish it under one of **16 open data licenses**

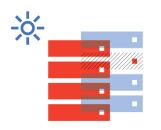


Mendeley Data is an open system

It is a **flexible platform** — modules are designed to be used together, as standalones, or combined with other RDM solutions.



Why Mendeley Data is the best solution for RDM



Mendeley Data can increase the exposure and impact of research

Mendeley Data Search indexes over **10 million datasets** from more than **35 repositories**



Elsevier is an active participant in the open data community

Elsevier partners with the open data community, and is currently working on more than **20 projects globally**

Want to know more?

Elsevier.com/solutions/mendeley-data-platform/five-facts







Mendeley Data

Gracias

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