Mendeley® Data

Introducing a modular, cloud-based platform that helps you manage the entire lifecycle of research data.

Ready access to research data is a cornerstone for success in modern science. All the information underpinning research articles has value to researchers: raw & processed data, protocols & methods, machine & environment settings, and scripts & algorithms. International funding bodies have revised their policies to suggest or even mandate that institutions and their researchers make research data available.

Mendeley Data is designed to help you utilize data to its fullest potential. It is a secure, stable, cloud-based platform consisting of five modules to help you manage the entire lifecycle of research data.

Mendeley Data plays a role at the individual user and institutional levels

Researchers can:
- Avoid re-work with better access to protocols, etc.
- Easily comply with funders’ mandates
- Improve impact via increased data re-use
- Delve into the details of research

Institutions can:
- Keep track of data
- Save time and resources for data management
- Showcase institutional research output
- Improve collaborations within & between groups

The modules of Mendeley Data

**Data Manager**
Go from raw files to published datasets
Designed to support internal and external collaboration, Data Manager includes tools for organizing, annotating and sharing data.

**Data Repository**
Keep datasets in a trusted repository
Data Repository manages the secure storage, sharing and dissemination of data with over 100 GB of storage per dataset in multiple formats.

**Data Notebook**
Capture data and results in the lab
Data Notebook is a modern and efficient electronic lab notebook (ELN) that supports data capture and indexing and even allows one-button reporting.

**Data Search**
Retrieve active data, discover public data
Data Search enables easier and more accurate searching thanks to deep indexing of data (not just metadata) sourced from over 20 repositories.

**Data Monitor**
Encourage and monitor compliance
Data Monitor makes it easier to improve the adoption of data sharing by providing publisher-independent workflow tools to help librarians. That ensures better compliance with new mandates and funder regulations.

These modules help institutions and researchers to collaborate, more easily tap into the broader world of shared data, and increase research exposure and compliance.
How Mendeley Data works
The research lifecycle depends on two data lifecycles: one for all active data within the lab and one for all publicly available data. From an institutional point of view, there is a third lifecycle: that of the metrics on data.

Mendeley Data covers key aspects of all 3 lifecycles, providing you with tools that support in-lab data recording, sharing and management; external data publication and other collaboration; and institutional monitoring of data usage. All the tools are available through a highly user-friendly interface (Figure 1).

Figure 1. The Mendeley Data user interface

Mendeley Data integrates through open application programming interfaces with the global ecosystem for research data management, with links to:

- DANS for long-term data set preservation
- DataCite for DOIs and indexed metadata to help with data publication
- Scholix for support of links between published articles and datasets
- Over 20 data repositories, including Dryad, Pangaea and ICPSR

Future developments include integration with machine-readable DMPs and extension of compatibility with other ELN software.

Mendeley Data is also easy to integrate with other Elsevier research solutions, creating a stronger institutional informatics ecosystem.

- Datasets can be linked to publications in EVISE™ and ScienceDirect®
- Notifications on new articles from Scopus® help with monitoring data sharing compliance
- Datasets, projects, grants, equipment and more can be synced using Pure
- Users of the popular Mendeley platform have easy access to Mendeley Data

Future developments include Data Notebook integration with Reaxys®, production and viewing of data metrics through SciVal® and Plum Analytics, and dataset showcasing via Digital Commons®.

Put your research data online today with Mendeley Data at data.mendeley.com.