

# Dremio Cloud

Dremio Cloud is a fully managed platform that helps you build, automate, and query your lakehouse.



## The Dremio Lakehouse Platform

Dremio is a **Forever-Free Data Lakehouse Platform** – the only one built for SQL and built on open source technologies – that both data engineers and data analysts love. Dremio powers BI dashboards and interactive analytics directly on data lake storage. The three foundational Dremio objectives are:



### The Dremio Lakehouse Platform:

- **Empowers better data-driven decisions** for your data consumers by enabling faster self-service access to the freshest and most complete data.
- **Delivers reliable insights** by defining a single, governed source of truth for business metrics that can be leveraged by any downstream application.
- **Streamlines data engineering** by automating data management and making data workflows as powerful and intuitive as working with source code.

## Dremio Cloud

Dremio Cloud is a fully managed platform that helps you simplify BI and achieve fast time to insights.

Two services are available on the Dremio Cloud platform: **Dremio Sonar** and **Dremio Arctic**.

**Dremio Sonar:** Dremio Sonar is a **lakehouse query engine** that provides lightning-fast SQL queries directly on data lakes and an integrated semantic layer that makes data consumable, consistent, and self-serviceable. Dremio Sonar includes the following capabilities:

- **Query engine (powered by Apache Arrow):** A lakehouse query engine that delivers the performance and functionality of a data warehouse directly on data lake storage, including DML operations. The query engine is built to support all SQL workloads on the lakehouse, from ad hoc/exploratory to mission-critical BI dashboards, and can connect to a variety of RDBMSs, enabling analysts to join data in the lake with data that's not yet in the lake.
- **Spaces:** An integrated semantic layer that enables data teams to deliver a consistent and secure view of data to data consumers, and enables analysts to curate, analyze, and share datasets in a self-service manner. Spaces enable datasets across lakes and other sources to be exposed as reusable metrics.

- **Reflections:** A query acceleration technology that speeds up queries behind the scenes, so data applications and analysts can interact seamlessly with data without having to worry about optimizing the data and queries.
- **SQL Runner and SQL Profiler:** A best-in-class integrated experience for analysts who know and love SQL, including a feature-rich IDE (SQL Runner) and the world's easiest and most advanced tool for understanding and troubleshooting query performance (SQL Profiler).
- **Arrow Flight and Flight SQL:** A next-generation interface for interacting with databases that is 20x faster than ODBC and JDBC and supports a variety of programming languages.
- **Frictionless BI tool integrations:** Native connectors to leading BI tools which enable users to quickly and easily visualize their data from their favorite BI tool.



**Dremio Arctic:** A modern **metadata and data management** service for the lakehouse. It uniquely provides users a Git-like experience for their data, thereby simplifying data workflows compared to data warehouses and other lakehouse platforms. Dremio Arctic consists of **two** independent (but related) services:

- **Metastore service:** Nessie-aaS, enabling a Git-like experience for the lakehouse.
- **Data optimization service:** Background compute jobs that automatically optimize the data in the lakehouse.

The Dremio Cloud Platform, with its Sonar and Arctic services, provides the heart of what is needed to fully realize a data lakehouse and shed the costs and burdens of traditional data warehouses. Try it out today! Our free tier makes all the services available to you at no cost beyond AWS compute and storage for up to three projects. As your business and your needs grow, Dremio is glad to help you get set up with an Enterprise account (unlimited projects and advanced security features).

For more information about the Dremio Sonar and Dremio Arctic services, please refer to our [website](#) or [Dremio documentation](#).

With amazing features, easy setup, and no cost, there is no reason to not [get started with Dremio Cloud today!](#)

Dremio gets rid of all the technical barriers to accessing data. What now takes 20 seconds might have previously required a day of work. It was amazing how quickly productivity improved when analysts could quickly and easily query and organize data themselves.”

- Marco Rietveld, Lead Data Engineer, Leap Energy

### About Dremio

Dremio is the lakehouse company. Hundreds of enterprises around the world, including brands like Allianz Global Investors, FactSet, Knauf Insulation, Nutanix and OTP Bank, use Dremio's SQL engine to deliver mission-critical BI on the lake. As the original creator of Apache Arrow, Dremio is on a mission to reinvent SQL for data lakes and meet customers where they are in their cloud journey. Dremio was founded in 2015 and is headquartered in Santa Clara. To learn more, follow the company on [GitHub](#), [LinkedIn](#), [Twitter](#), and [Facebook](#), or visit [www.dremio.com](#)

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