

The Executive Guide to Data Sharing and Collaboration on Databricks

An open ecosystem approach can provide organizations with a better way to share data and AI

To deliver on key business initiatives, data teams need an open, flexible and secure way to collaborate with data and AI assets. However, sharing can be complex and expensive with different delivery methods, platforms and third-party data fragmented across systems. Typical sharing and collaboration solutions are limited and lack flexibility and security, restricting innovation and resulting in unrealized business value. This can lead to three common challenges:

Challenges

1

Complex data sharing solutions limit innovation

Homegrown data sharing solutions often involve custom data pipelines that limit governance and operational visibility. Multiple, siloed systems are used to cover different clouds, platforms and internal vs. external sharing. Onboarding new data sets and new partners is often difficult and slow.

2

Difficulty collaborating with more than just data

As generative AI continues to evolve, organizations increasingly need to collaborate with more than just data. They need to share live datasets, AI models, notebooks and solutions. Companies typically need to replicate data across multiple proprietary platforms, clouds and regions in order to facilitate collaboration.

3

Fragmented security, privacy and governance

Sharing data and AI assets raises significant concerns related to governance, security and privacy. Today's fragmented sharing solutions make it difficult to secure and govern shared assets in a cost-efficient way.

These challenges can lead to multiple pain points, most notably:

- > Unrealized business value
- > Missed opportunities to innovate
- > Security risks

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Data collaboration drives 3x greater economic performance.

Gartner.

The Solution

A unified platform promotes easy, secure data sharing and collaboration and enables an organization to:



Accelerate innovation

Share data and AI assets (datasets, AI models, volumes, dashboards, solutions) within your organization or externally with customers and partners with a flexible, open platform that fuels rapid insights, innovation and growth. Data consumers can discover and evaluate external data and AI assets. Data providers can quickly monetize by sharing the broadest set of data assets with the broadest set of data consumers.



Simplify secure collaboration

Simplify access to previously siloed data assets across different data sources, platforms and clouds. Reduce the number of data sharing channels and platforms needed to deliver data across clouds or platforms, and minimize the need for complex ETL pipelines and data replication across sharing platforms. Share data assets securely with built-in governance.



Centralize security and governance

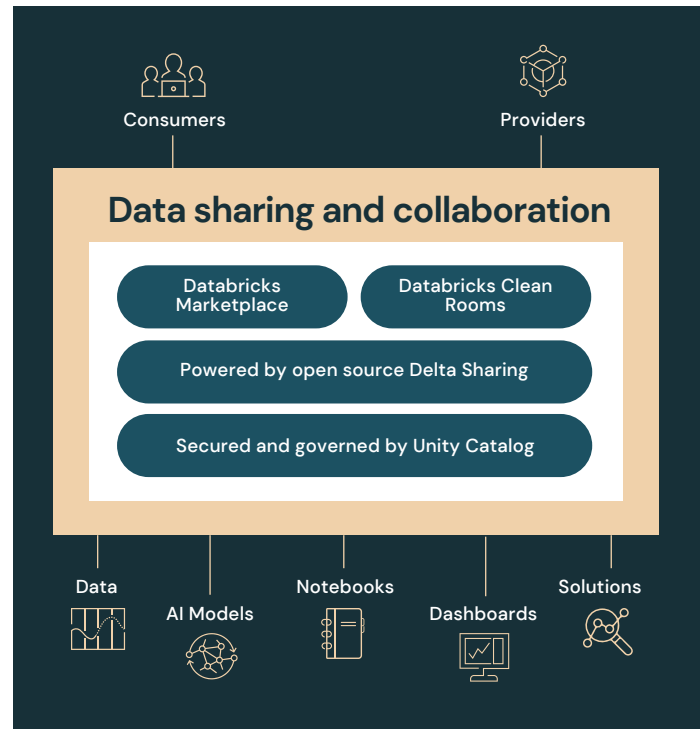
A unified approach provides a simple, unified way to secure and govern shared assets. Simply and securely share data and AI products across platforms, clouds and regions with a unified governance model that honors data privacy and compliance requirements.

The Databricks Solution

Democratize Data and AI Across the Organization

The Databricks Data Intelligence Platform makes it easier to get the data and insights you need by allowing you to share data, AI and solutions in a unified way. This approach enables:

- **Faster innovation at scale**
Accelerate innovation, deliver new revenue sources and increase customer satisfaction by providing immediate access to hundreds of high-quality datasets, notebooks, AI models and solutions. Rapidly enable sharing and secure, privacy-safe collaboration. Seamlessly integrate shared assets into company analytics, applications and AI.
- **Open and cross-platform collaboration**
Leverage open standards for asset sharing across clouds, platforms and regions to reduce costs and eliminate complexity when sharing with customers and partners. Discover and acquire high-quality and securely-sourced data — within your organization or externally — to accelerate collaboration at scale.
- **Built-in governance, privacy and security**
Centrally govern, track, audit and monitor the usage of your data and AI at scale with native support from Unity Catalog in one platform. Run confidential computation in any language on existing data and collaborate with multiple partners with scalable data clean rooms on the Data Intelligence Platform.



To learn more, visit:
databricks.com/product/delta-sharing