



Delta Sharing

An open standard for secure data sharing

Data Sharing Opportunity

Data sharing is crucial to driving business value in today's hyper-connected digital economy. More and more organizations are now exploring data sharing capabilities to collaborate with their partners/suppliers and internal lines of business (LOBs), improve operational efficiency, and generate new revenue streams with data monetization. As organizations strive to accelerate innovation, they have realized they can't rely solely on their own data and are exploring ways to leverage external data through trusted data sharing.

Challenges

Homegrown solutions are fault prone, limited to scale and costly to maintain. Existing methods of data sharing such as SFTP, API and JDBC/ODBC connections require a complex architecture and can take days to share information. These methods may not scale to larger data sets and they require data to be replicated.

Commercial data sharing platforms are expensive and inflexible and promote vendor lock-in. They limit sharing to recipients on the same platform and leverage proprietary formats, thus limiting the full business value of the data.

Direct cloud storage sharing can lead to compliance issues and is time-consuming. It is limited to one cloud, requires data replication and provides no centrally managed audit of data movement. This solution is difficult to scale and secure, resulting in significant effort to properly share information.



Share anywhere

Share data across clouds and platforms — and even from cloud to on-premises — with the open protocol for data sharing. Eliminate vendor lock-in and maximize the business value of data.



Simplify data sharing

Easily share live, large-scale data without having to copy or move it. Recipients benefit from always consuming the latest version of data without the need for architectural parity and from reduced integration costs.



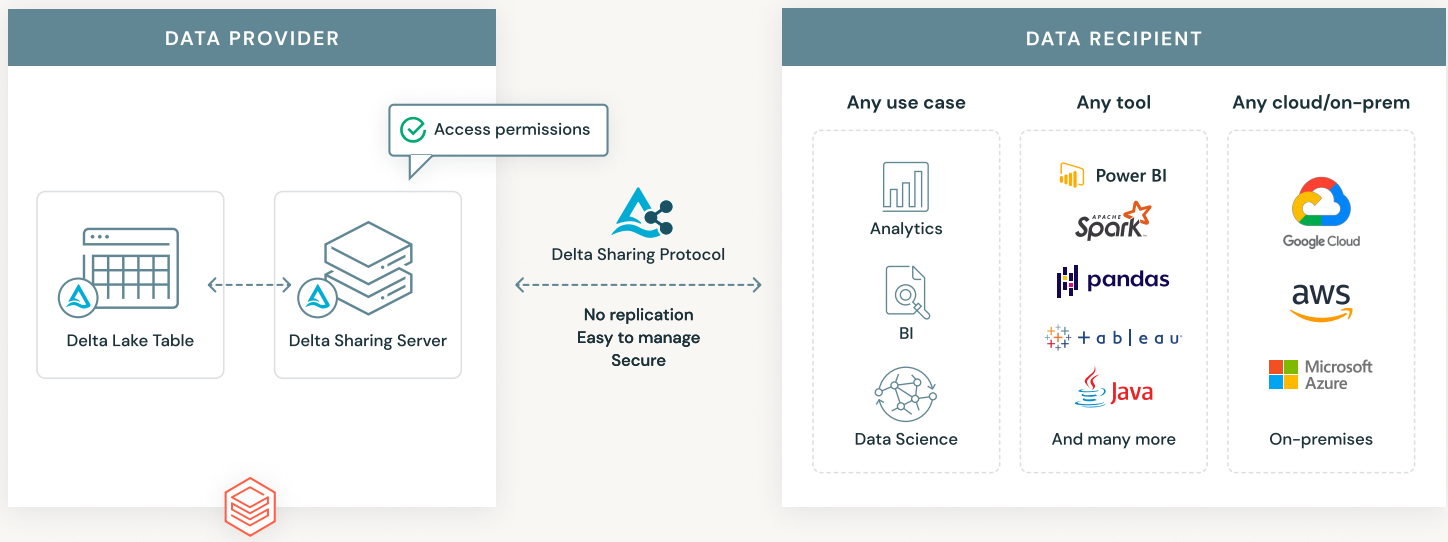
Strong security, auditing and governance

Centrally manage, govern, track usage of, and audit access to the shared data, with built-in enterprise-grade security.



Solution

Delta Sharing is the world's first open protocol for securely sharing data across organizations. Delta Sharing makes it easy and cost-effective to share live data at scale across clouds and platforms and on-premises, without compromising data security or compliance. Delta Sharing is natively integrated with the Databricks Lakehouse Platform so you can centrally discover, manage and govern all of your shared data on one platform.



Accelerate business value with Delta Sharing

USE CASE	BUSINESS VALUE
All Use Cases	<ul style="list-style-type: none"> Simplify data as a service with easy-to-implement, trusted data sharing and fine-grained governance Improve consumer speed to access data and reduce integration time Lower the cost of sharing data
Data Monetization	<ul style="list-style-type: none"> Future-proof and simplify your delivery with one data repository to share data anywhere Expand the reach of your data with trusted data sharing for any use case — BI, analytics, machine learning/data science — without any vendor lock-in Easily monitor and track usage of your data products
B2B Sharing	<ul style="list-style-type: none"> Collaborate with your partners and suppliers through a trusted data sharing protocol Allow partners and suppliers to consume data using tools and platforms of their choice without requiring architectural parity
Line of Business Sharing	<ul style="list-style-type: none"> Collaborate across divisions or departments without the need for full infrastructure integrations Aggregate data from multiple business units for actionable insights without copying or moving data with data mesh sharing capabilities



“Delta Sharing enables our customers to securely and efficiently exchange data through a free and open standard protocol, regardless of which computing platforms are involved. Delta Sharing allows us to work more efficiently with our customers and partners with an open, cost-efficient and scalable protocol that makes SafeGraph Places more accessible than ever.”

— Felix Cheung, SVP of Engineering, SafeGraph

How Delta Sharing differentiates from competition

	DELTA SHARING	SFTP/API BASED SOLUTIONS	DATA SHARING PLATFORMS	DIRECT CLOUD STORAGE SHARING
Secure	✓	✓	✓	✓
Vendor Agnostic	✓	✓	✗	✓
Multicloud	✓	✓	✗	✗
Live Data	✓	✗	✓	✗
Open Source	✓	✓	✗	✗
Zero Compute Cost	✓	✗	✗	✓
ML Model Sharing	✓ <small>COMING SOON</small>	✗	✗	✗

FASTCOMPANY

The 10 Most Innovative Companies for Data Science 2022

[Read more →](#)

CRN

The 10 Coolest Big Data Tools of 2021

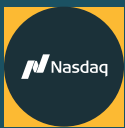
[Read more →](#)

Resources

[Learn more about Delta Sharing →](#)

[Join Data Provider Partner Program →](#)

Customers trust Delta Sharing



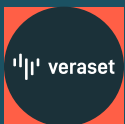
"History tells us the future of data in the financial industry tends toward open protocols and standards (à la Spark, pandas, etc.). Data governance, sharing and management are no exception."

— Bill Dague, Head of Alternative Data, Nasdaq



"Leveraging the powerful capabilities of Delta Sharing from Databricks enables Pumpjack Dataworks to have a faster onboarding experience, removing the need for exporting, importing and remodeling of data, which brings immediate value to our clients. Faster results yield greater commercial opportunity for our clients and their partners."

— Corey Zwart, Head of Engineering, Pumpjack Dataworks



"Delta Sharing further simplified our data as a service offering. We have been successful in leveraging Delta Sharing to bring efficiencies to how our customers access and manage our data."

— VP of Product, Veraset