UNITY CATALOG + DATAMARKET

Your lakehouse. Enterprise data products.

Extend Databricks governance into business-facing data products, cross-platform trust and governed self-service for people and AI.



PRESERVE WHAT WORKS. AUGMENT WHERE IT MATTERS.

One foundation. One business-facing layer.

Unity Catalog

Retain Databricks-native catalog, access controls, lineage, quality monitoring and semantics.

DataMarket

Extend the existing foundation with business governance, an enterprise marketplace, product contracts and consumption across sources.

Extend the Unity Catalog investment

Business governance

Cross-source domains, stewardship, glossary, ontology, ER models and lineage exploration.

Data products & marketplace

Business-model products, composite products, contracts, certification and subscriptions.

Product-level trust

Native profiling, AI-assisted rules, critical data elements, quality scores and contract gates.

Governed federation

Trino cross-source queries, optional Iceberg caching, entitlements, masking and RLS.

Business-aware AI

Albus, semantic search, ontology and Metric Store; BYO LLM, voice and governed MCP.

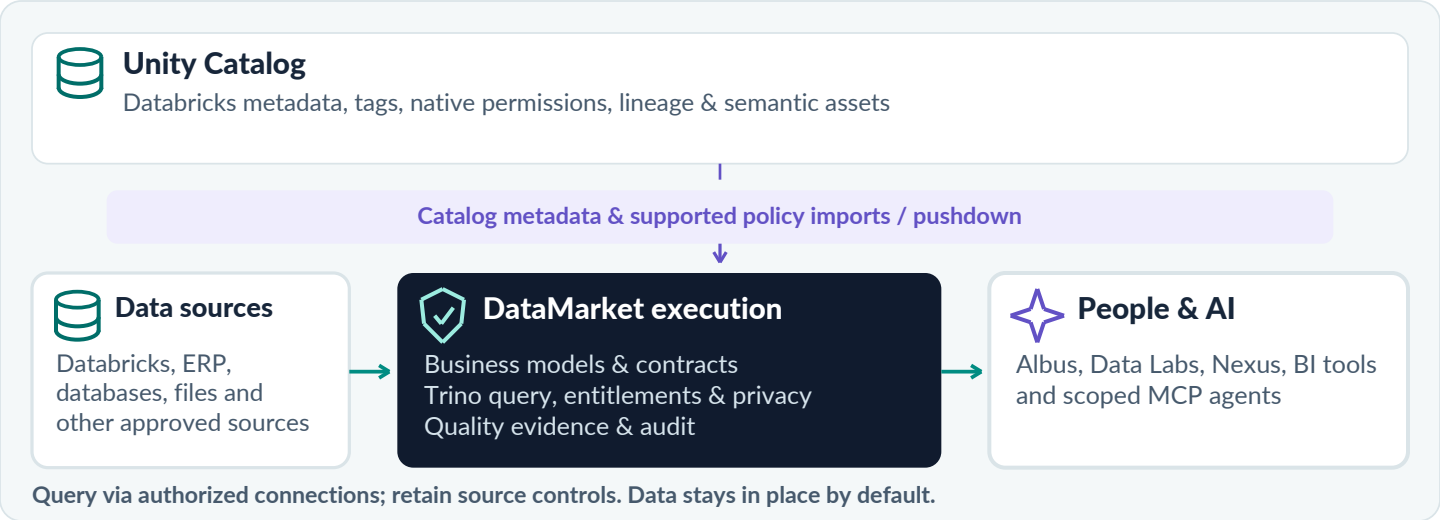
Self-service analytics

Data Labs, reusable Data Insights, Nexus SQL and BI connectivity across entitled products.

A COEXISTENCE ARCHITECTURE

From governed assets to business value.

Reuse Unity Catalog metadata and native controls. Add a business-facing operating model and execution experience for data spanning the lakehouse and other enterprise sources.



Illustrative journey: order fulfillment

Start with one Databricks domain. Publish an order-fulfillment product combining approved lakehouse orders and operational shipment data, certify its quality, and deliver a governed business insight.

Connect
Catalog Unity Catalog and selected enterprise sources.

Productize
Model, contract, check quality and certify.

Subscribe
Discover products and request purpose-based access.

Consume
Use Albus, Nexus, Data Labs, BI or scoped MCP.

Prove value without disrupting the estate

Reuse the foundation
Keep Databricks governance and native analytics where they fit.

Broader reach
Give business users an enterprise marketplace across approved sources.

Visible business value
Measure time to publish, time to insight and product adoption.

Start with one domain. Scale by measurable outcomes.

Private cloud / on-premises / cloud | BYO LLM

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Coexistence design is illustrative. Confirm source identity propagation, supported metadata/policy mapping, caching controls and connector coverage during implementation.

Basis: RightData capabilities guide (Nov 2026); vendor documentation:
Unity Catalog Lakehouse Federation Unity Catalog semantics