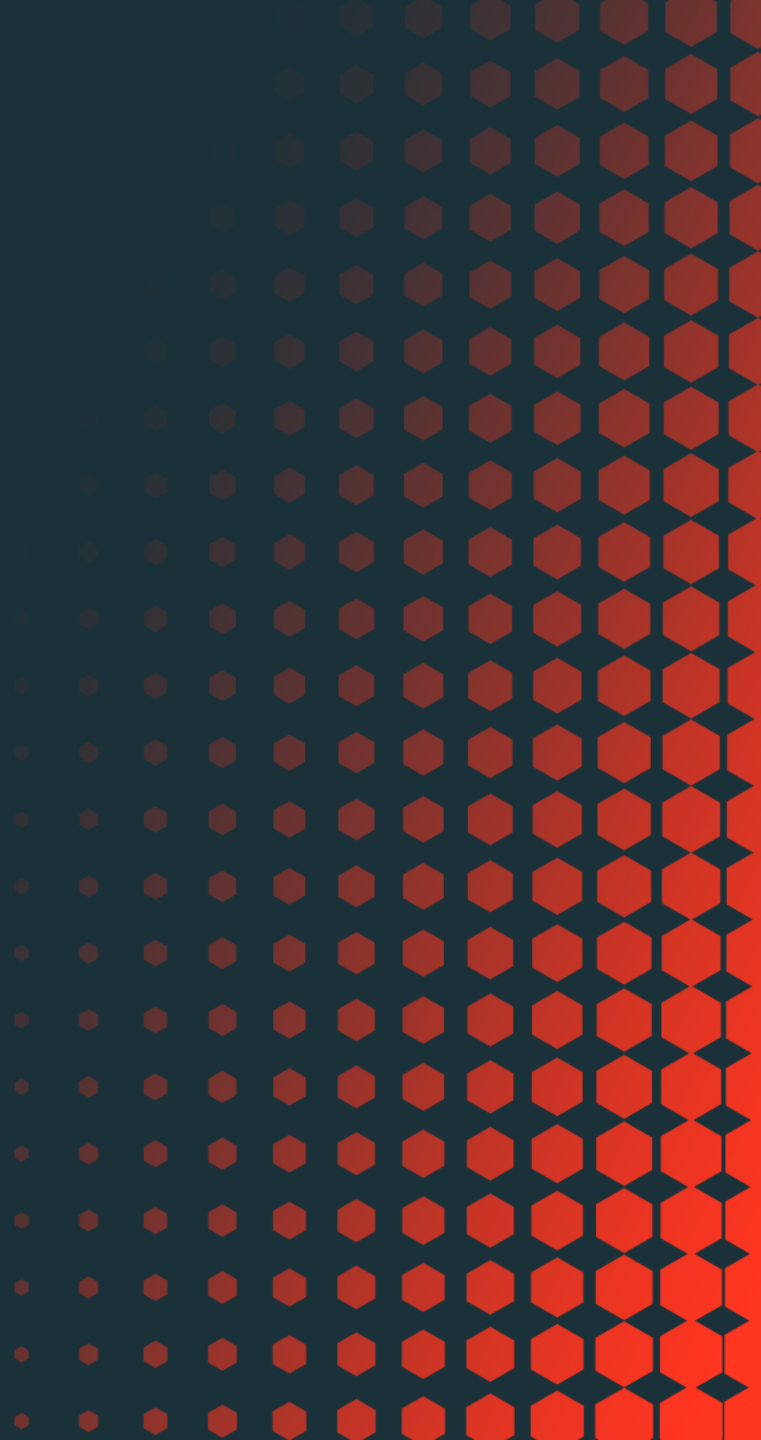
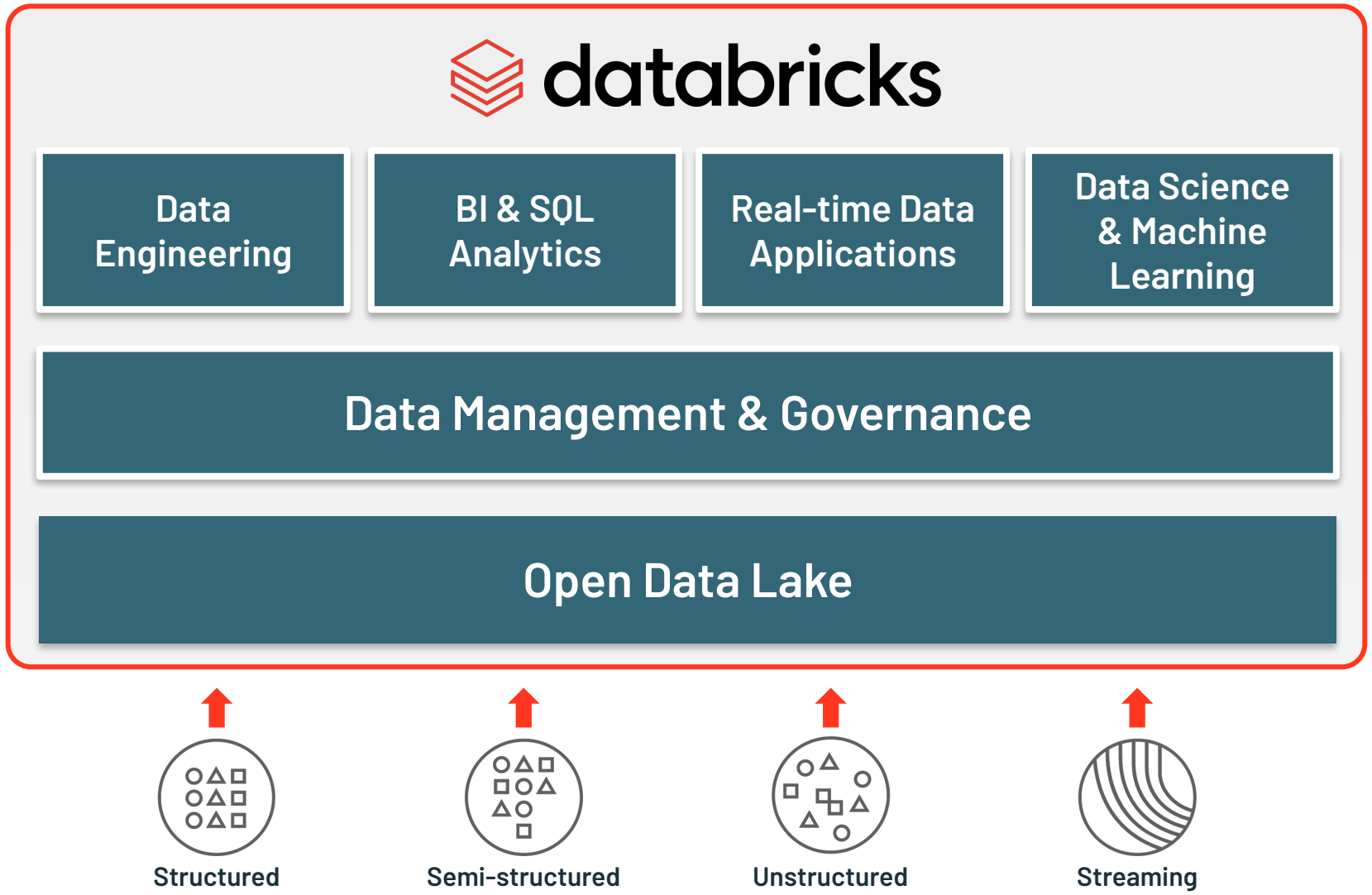
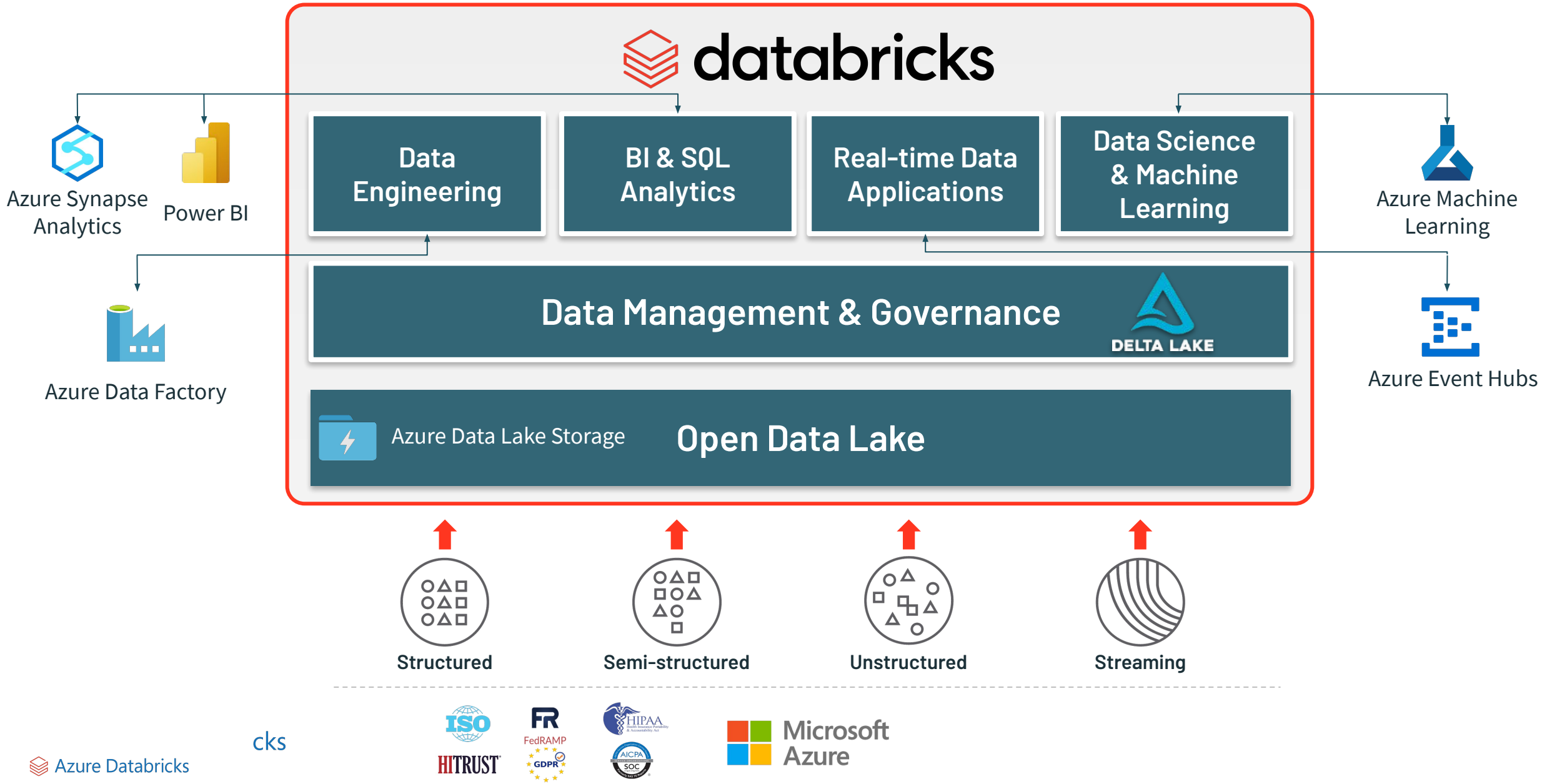
Databricks SQL



databricks

Databricks' vision is to enable data-driven innovation to all enterprises


databricks
Data Engineering
BI & SQL Analytics
Real-time Data Applications
Data Science & Machine Learning
Data Management & Governance
Open Data Lake
Structured
Semi-structured
Unstructured
Streaming
ISO
FedRAMP
HIPAA
HITRUST
GDPR
AICPA SOC
Microsoft Azure


databricks
Azure Synapse Analytics
Power BI
Data Engineering
BI & SQL Analytics
Real-time Data Applications
Data Science & Machine Learning
Azure Machine Learning
Azure Data Factory
Data Management & Governance
DELTA LAKE
Azure Event Hubs
Azure Data Lake Storage
Open Data Lake
Structured
Semi-structured
Unstructured
Streaming
ISO
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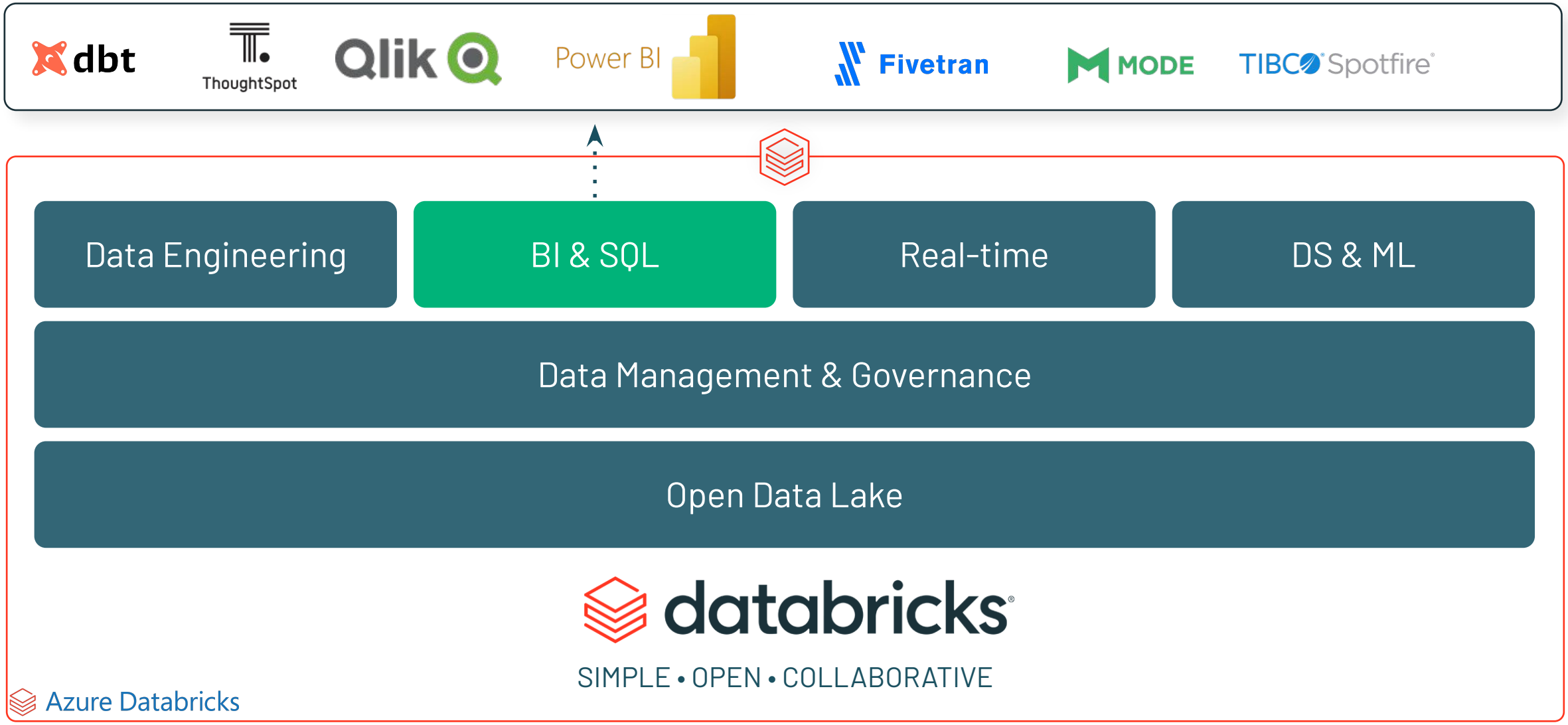
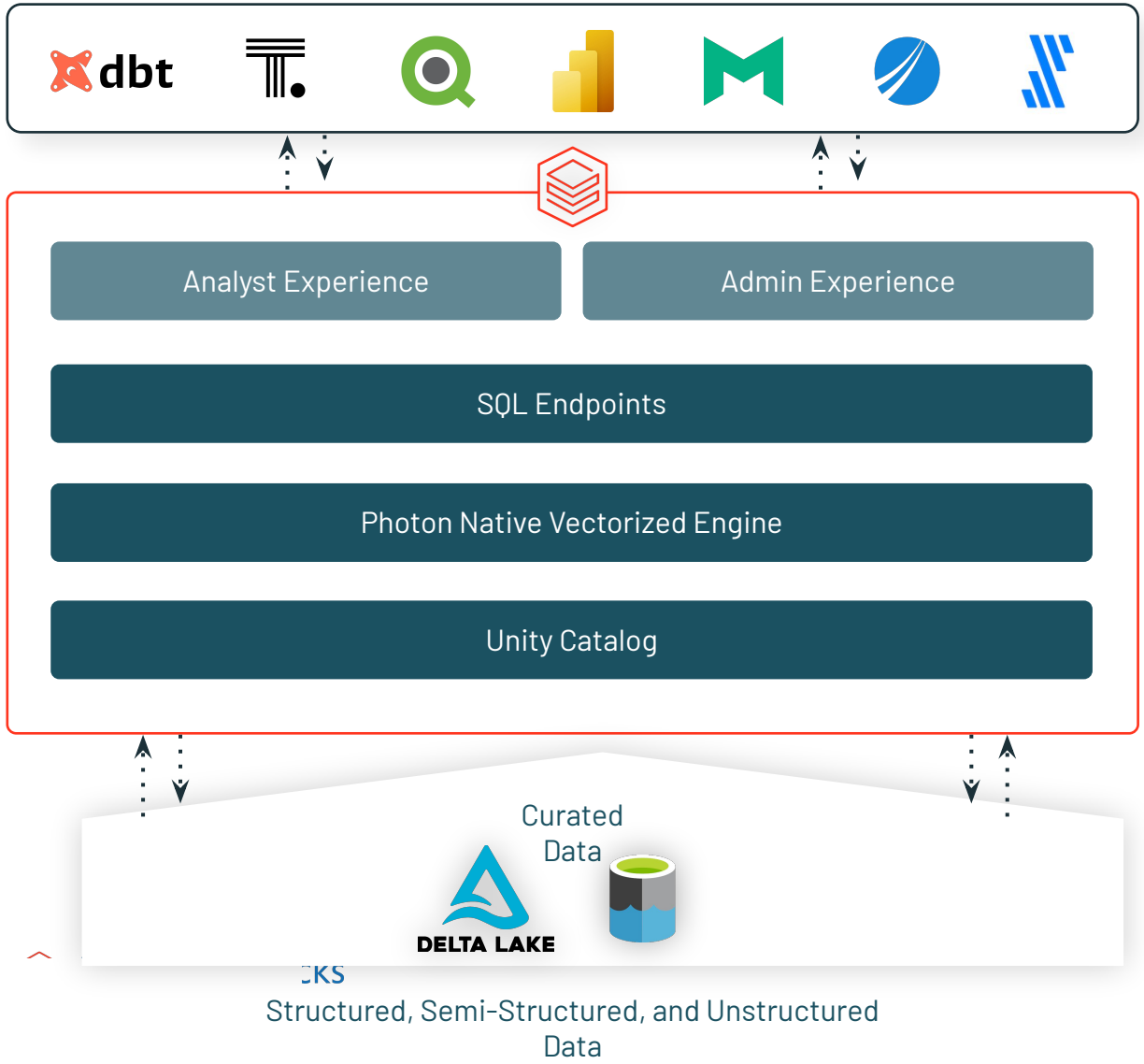
HITRUST
GDPR
AICPA SOC
Microsoft Azure
Azure Databricks

Databricks SQL: BI on the lake with your tools of choice



Unpacking Databricks SQL



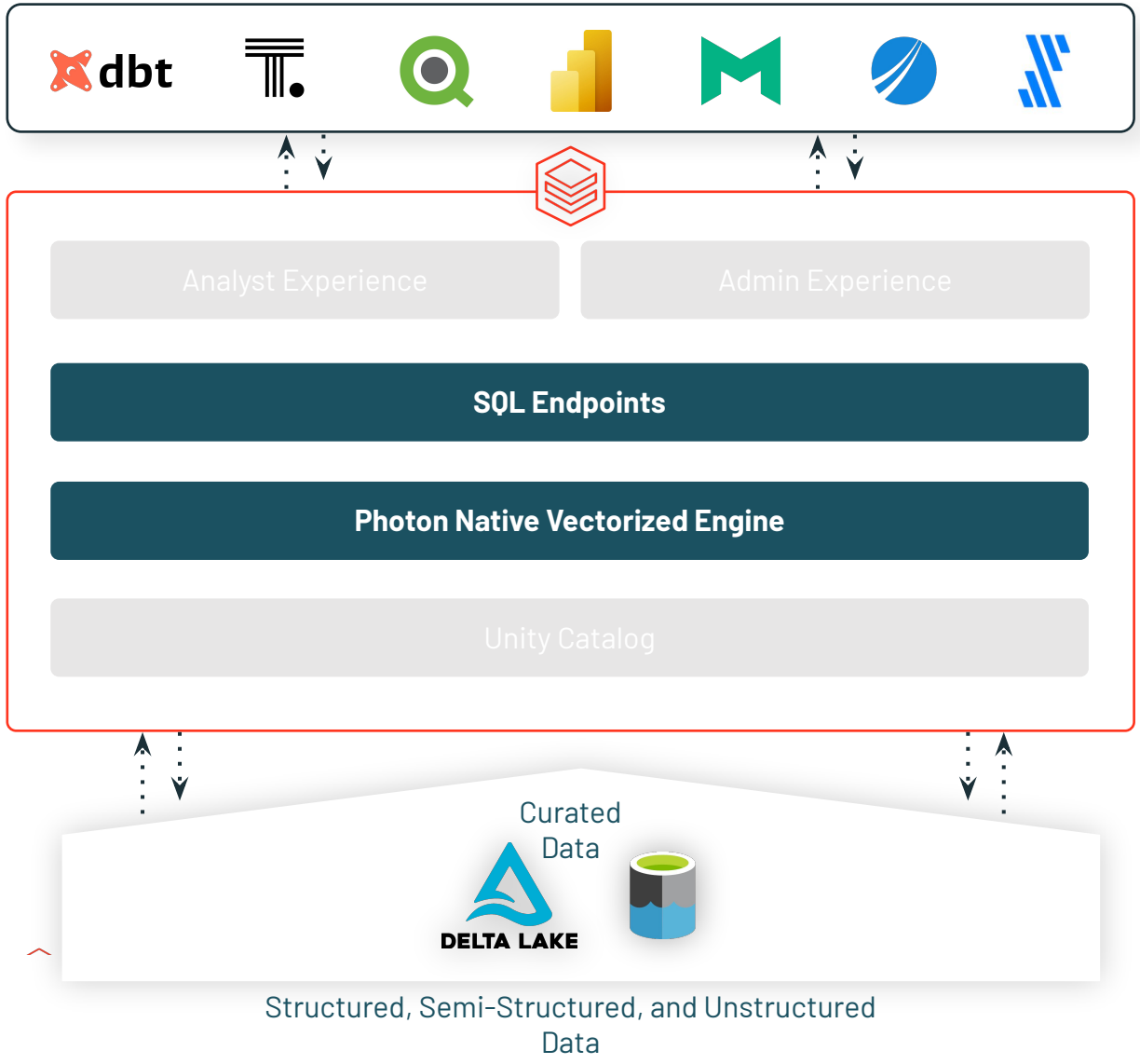
Ease of Use

Real-world Performance

Centralized Governance

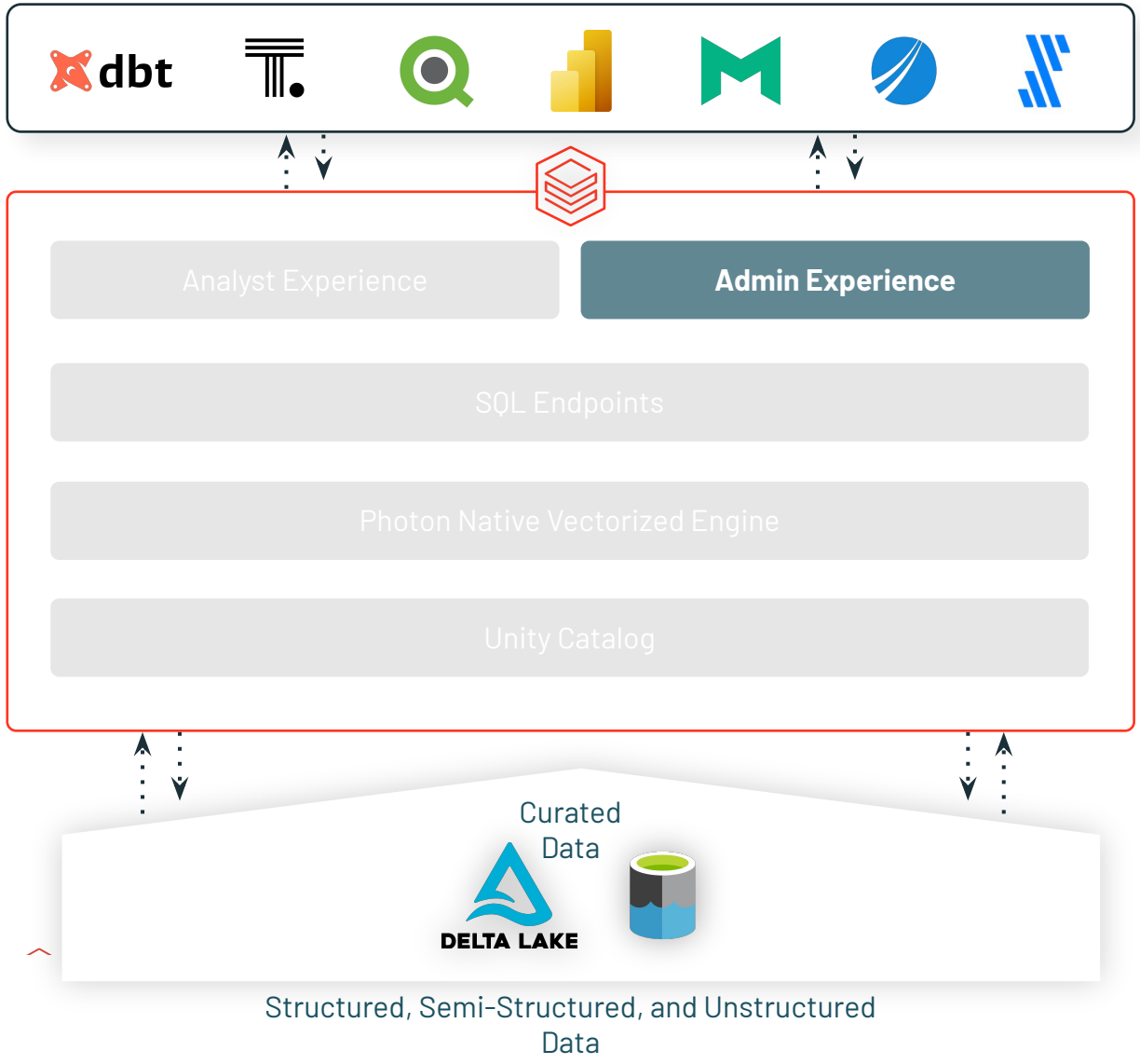
Open and Reliable Data Lake as our Foundation

Real-world Performance



Fast and predictable performance for all queries

Simplified Administration

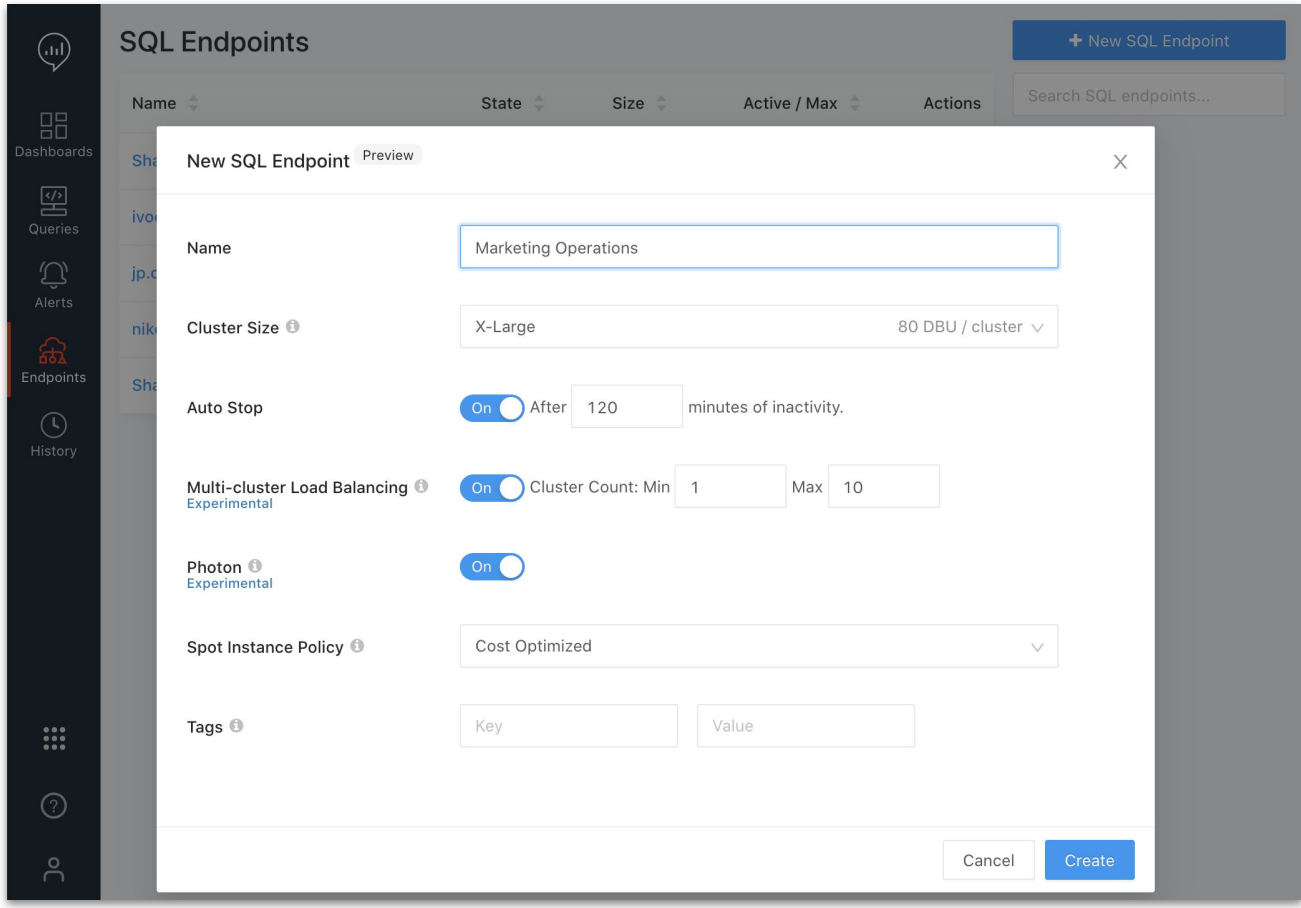


Easily setup and monitor scalable resources for SQL and BI workloads

Simple Administration

Get started in seconds

- Simple t-shirt sizes of clusters
- Auto-scaling for concurrency
- Tuned (VMs, configs) for SQL workloads

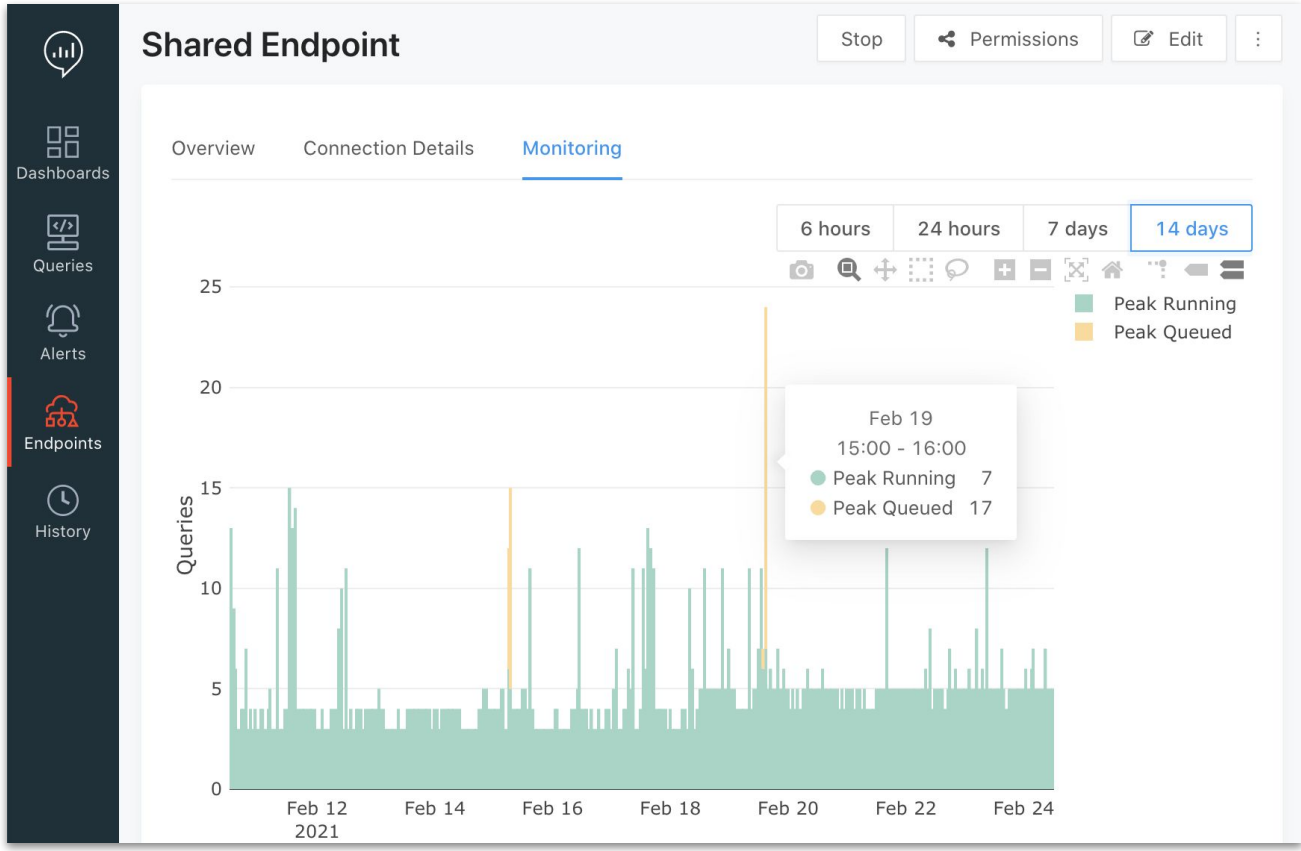


Azure Databricks

Simple Administration

Understand workloads & usage

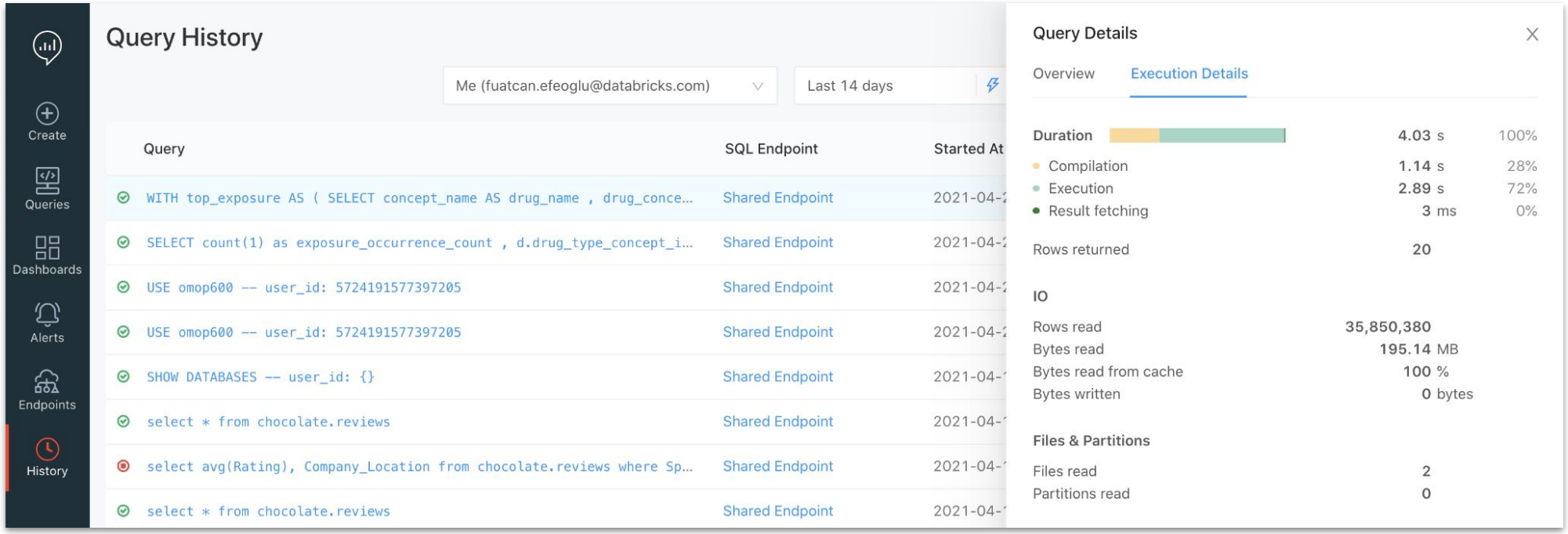
- Built-in endpoint load monitoring
- Drill down to specific time periods



Simple Administration

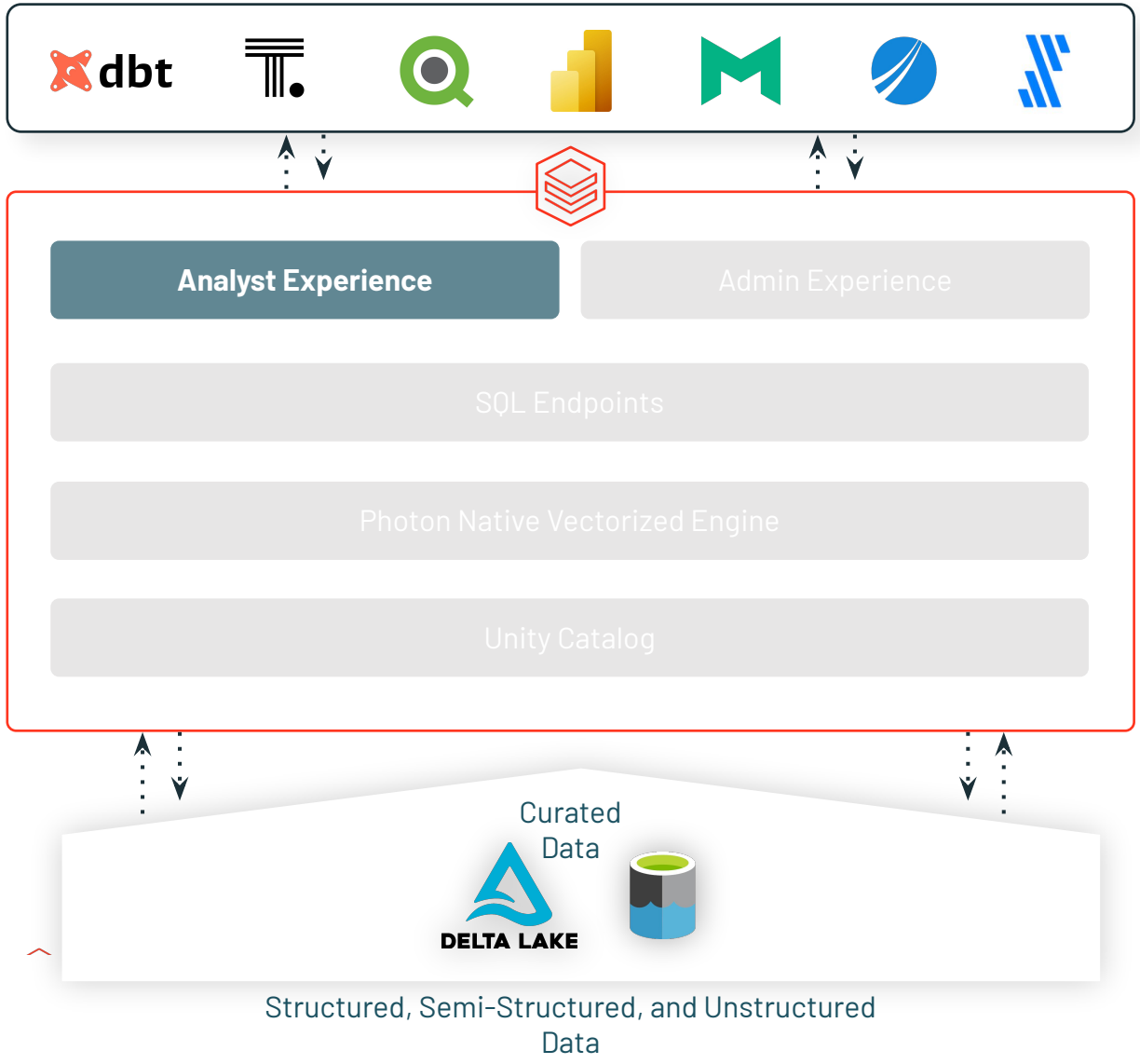
Spend less time troubleshooting

- Central query history
- Query duration breakdown
- Query execution details



Azure Databricks

Delightful Analyst Experience



SQL analytics and BI on your data lake with your tools of choice

First-Class SQL Development Experience

Enabling simple, quick ad-hoc exploratory analysis on the Lake with SQL

Develop

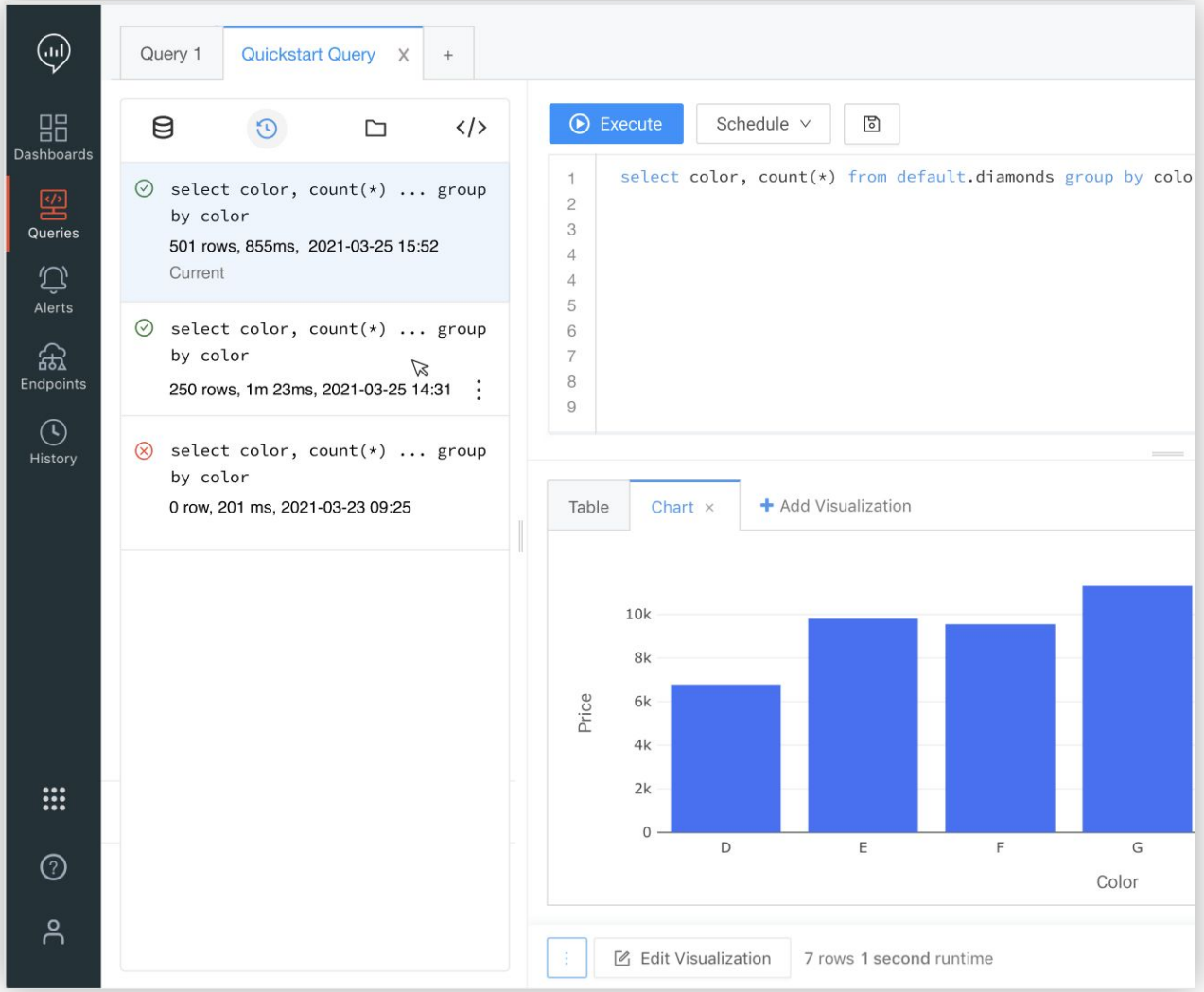
- Query tabs
- Drafts & “pick up where you left off”
- Command history
- Contextual auto-complete

Troubleshoot

- Query progress
- Error highlighting
- Execution time breakdown

Collaborate

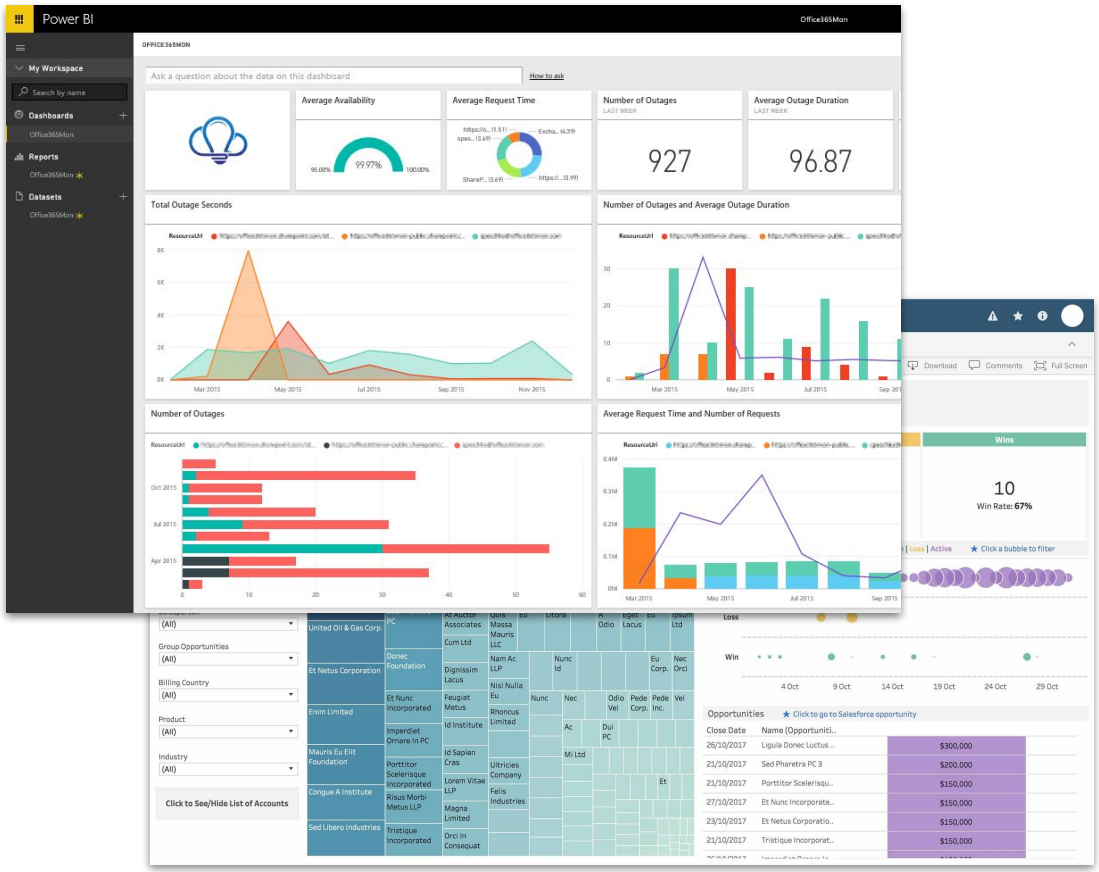
- Scheduled email delivery
- Edit permissions



Azure Databricks

Expanding Ecosystem - And Many More

Making analysts more productive



Azure Databricks

Power BI

dbt

Fivetran

MATILLION

IMMUTA

Stitch

Informatica

ThoughtSpot

Qlik

TIBCO Spotfire

MicroStrategy

MODE

& more

Thank You