

Blueprint

Delivering Intelligence That Matters



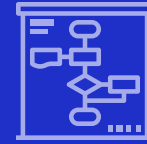
databricks Lakehouse **QuickStart**

Accelerated POC powered by  Fivetran

We are Blueprint We Build

We are a data intelligence company committed to delivering the right data to the right person, at the right moment – because we believe intelligence matters.

We connect strategy to delivery. With expertise in cloud, infrastructure, data science, analytics, and application development, **our promise is that together, we can solve anything.**



BUSINESS STRATEGY

We help you redefine what's possible with our innovative business and technology strategies for exceptional, scalable, and repeatable results.



ACCELERATORS

Start with our stress tested pre-built solutions for speed to value. Our accelerators provide the base for your data loading, cataloging, querying, and Lakehouse needs.



TECHNOLOGY SOLUTIONS

Capitalize on cutting-edge technology to plan smarter, act faster, and maintain your competitive edge while decreasing costs, maximizing return on investment, and increasing revenue.



SERVICES AT SCALE

Leverage Blueprint's expert teams, processes, products, and support infrastructure to reduce cost and increase agility.



QuickStart | Overview

10 DAYS

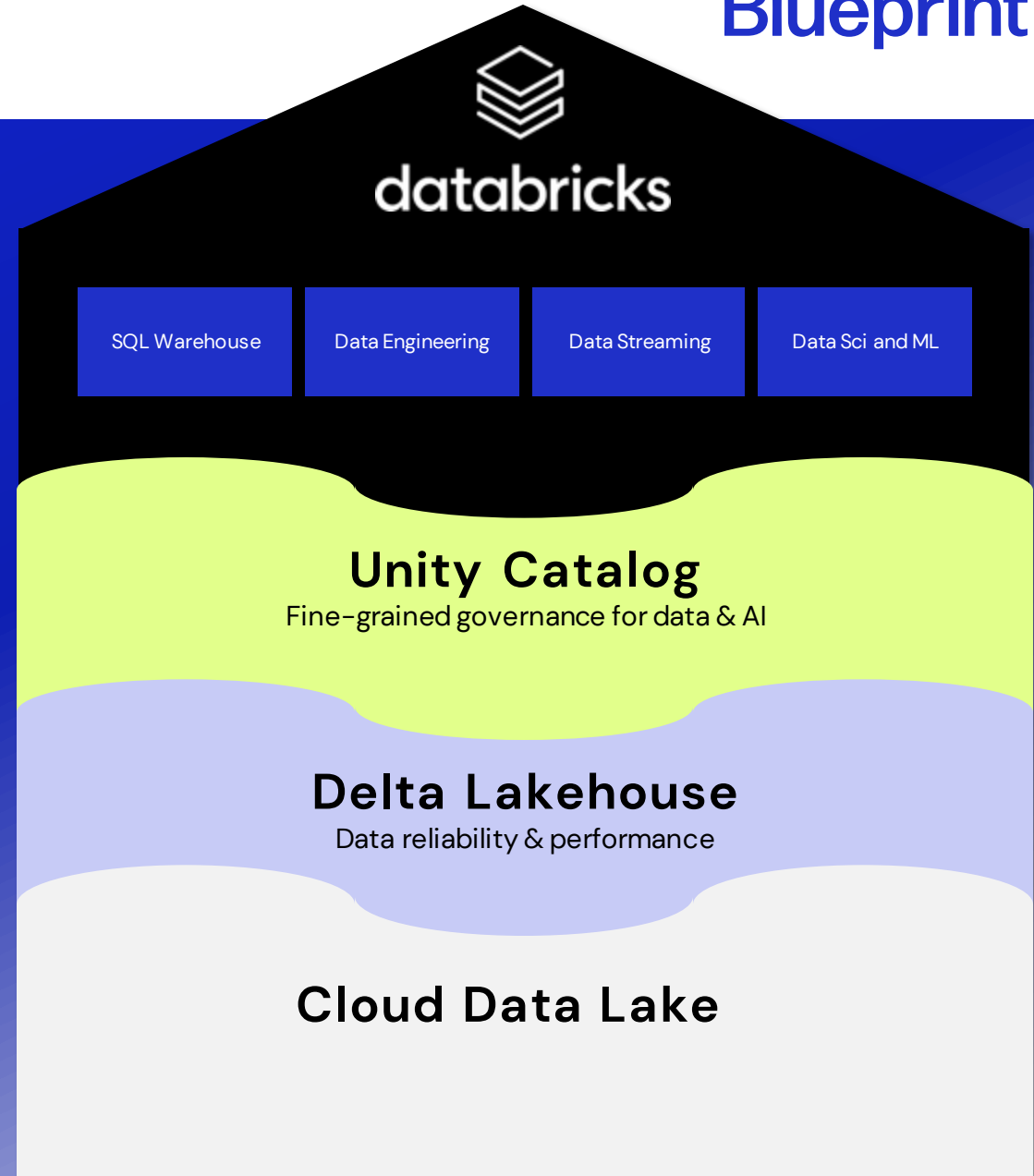
- **INTRODUCE** a data team to the Lakehouse
- **PREPARE** Databricks & data services, non-prod env.
- **COMPLETE** two data full pipelines with Fivetran
- **ANALYZE** with SQL Analytics and BI tools

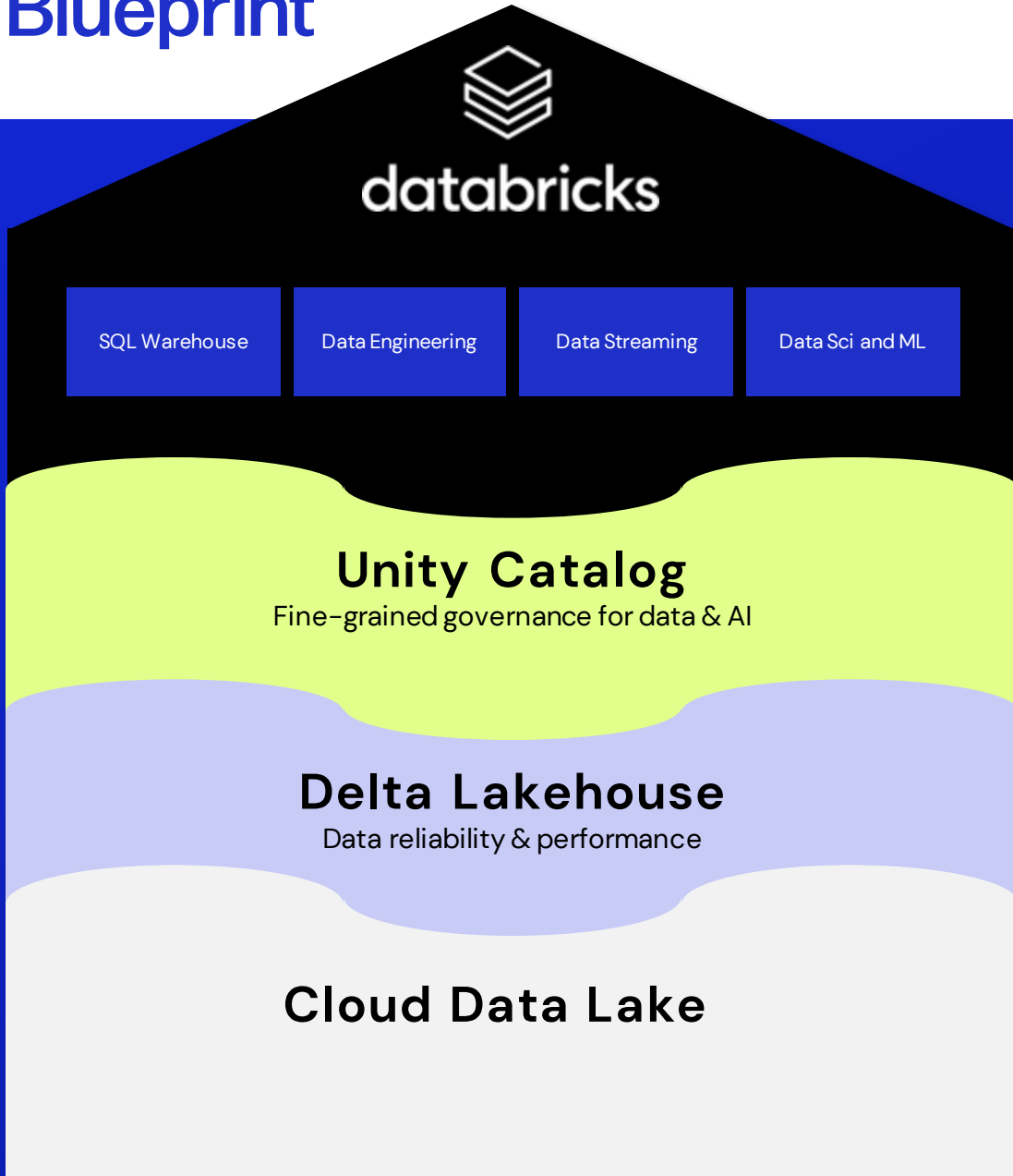
Day 1 Lakehouse 101

- ▣ Data Acquisition
- ▣ Simple Data Transformations
- ▣ Organizing Data
- ▣ Security
- ▣ BI, Reporting
- ▣ Optimizing Costs & Management

Day 2-3 Up & Running

- ▣ Implementation → Powered by Infra-as-Code
- ▣ Security Config → Blueprint Security Rapid Config
- ▣ Lakehouse Optimization → Blueprint Lakehouse Monitor





Day 4-8 Data Pipelines with Fivetran

- Identify Data Sources
- Historical & Current Data
- Data Transformations
- Data Quality
- Data Set Creation, Scheduled
- Tables in the Lakehouse, Ready!

Day 8-10 BI & Analysis, Optimize, & Roadmap

- Power BI or Tableau
- DBSQL for Ad hoc Analysis
- Dashboards & Reports
- Utilization Management
- Roadmap the Future

QuickStart | Lakehouse Components



Streamed or Scheduled Ingestion



- Data as Sourced
- Retained
- Stream | Batch



- Enriched / Enhanced
- Validation / Quality
- ML Ready Data



- DW & Modeled
- Secured
- BI / Analytics Ready



Data Validation & Observability



Continuous Processing



Automatic Recovery



Security & Compliance



Automated Deployments



Reverse ETL & Sharing



BI & Analytics



AI/ML



Event & Alert

ID Access Mgmt



Key Management



Provisioning



Operational Readiness



Lakehouse Optimizer

Blueprint

QuickStart | Deployment Journey

1

Fivetran Trial Activation

- ✓ SaaS platform trial enabled
- ✓ No in-bound cloud firewall blocks

AWS or Azure Readiness

- ✓ Account with create-rights*
- ✓ Terraform installed

QuickStart Data Sources

- ✓ Cloud accessible srcs. identified
- ✓ Read-only account

2

Scripted Build

- ✓ Resource / Admin Groups
- ✓ Storage, Databricks Workspace, Clusters
- ✓ Unity Catalog / Metastore / Permissions
- ✓ Blueprint Lakehouse Optimizer

Sample Data & Notebooks

- ✓ Fivetran Samples Deployed
- ✓ 3 Notebooks Deployed

Workflows Active

- ✓ Enable Job/Workflows, Scheduled

3

Databricks is LIVE!

- ✓ SQL Analysis Workshop
- ✓ Power BI / Tableau
- ✓ Engineering & Workflow Demos

Lakehouse Optimized

- ✓ Monitor jobs
- ✓ Understand costs
- ✓ Identify orphaned workloads

* See client detailed QuickStart engagement checklist

QuickStart | Deliverables

Build a net-new use case and validate cost vs performance and usability of Databricks platform.

- TCO and performance projection report
- Established Databricks Lakehouse environment
- Data ingestion pipeline
- Platform utilization monitoring app
- Working end-to-end use case/business process deployed to non-production environment
- Results report and demonstration

Cost & Timeline: \$25K, 2 weeks
(tool subscriptions complimentary)

Get Started Now

[Email us](#) to schedule a call

[Visit our website](#) to learn more
about using Databricks

Talk to your Databricks or Fivetran
sales rep