Blueprint
Delivering Intelligence That Matters

databricks Lakehouse QuickStart
Accelerated POC powered by Fivetran
Who we are

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.
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
QuickStart | Outcomes

Day 1  Lakehouse 101
- Data Acquisition
- Simple Data Transformations
- Organizing Data
- Security
- BI, Reporting
- Optimizing Costs & Management

Day 2-3  Up & Running
- Implementation
- Security Config
- Lakehouse Optimization

Unity Catalog
Fine-grained governance for data & AI

Delta Lakehouse
Data reliability & performance

Cloud Data Lake

SQL Warehouse  Data Engineering  Data Streaming  Data Sci and ML

Powered by Infra-as-Code

Blueprint Security Rapid Config

Blueprint Lakehouse Monitor
QuickStart | Outcomes

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
Databricks: Lakehouse Components

Streamed or Scheduled Ingestion

- Data as Sourced
- Retained
- Stream | Batch

RAW

Enriched / Enhanced
Validation / Quality
ML Ready Data

CLEAN

- DW & Modeled
- Secured
- BI / Analytics Ready

CURATED

Data Validation & Observability
Continuous Processing
Automatic Recovery
Security & Compliance
Automated Deployments

Fivetran

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 trail enabled
   - No in-bound cloud firewall blocks

2. Scripted Build
   - Resource / Admin Groups
   - Storage, Databricks Workspace, Clusters
   - Unity Catalog / Metastore / Permissions
   - Blueprint Lakehouse Optimizer

3. Databricks is LIVE!
   - SQL Analysis Workshop
   - Power BI / Tableau
   - Engineering & Workflow Demos

QuickStart Data Sources
- Cloud accessible srcs. identified
- Read-only account

Sample Data & Notebooks
- Fivetran Samples Deployed
- 3 Notebooks Deployed

Workflows Active
- Enable Job/Workflows, Scheduled

AWS or Azure Readiness
- Account with create-rights*
- Terraform installed

Lakehouse Optimized
- Monitor jobs
- Understand costs
- Identify orphaned workloads

* See client detailed QuickStart engagement checklist
Get Started Now

Email us to schedule a call

Visit our website to learn more about using Databricks