

Industry Lakehouse Blueprints

Making Databricks simpler to deploy, configure and get started



Increasing numbers of lakehouse deployments

The lakehouse architecture has tremendous momentum in the market, being implemented by thousands of organizations across industries worldwide. Customers expect to realize value from their data platform and lakehouse investment

as quickly as possible. Time-to-market often depends on getting the platform and workspaces deployed quickly and securely. But, we often see challenges along that journey.



Best practices in written guides can be time-consuming to use and are not easily scalable



Security features/ requests often incorporated as they arise



Requirement to manage multiple configurations across clouds manually



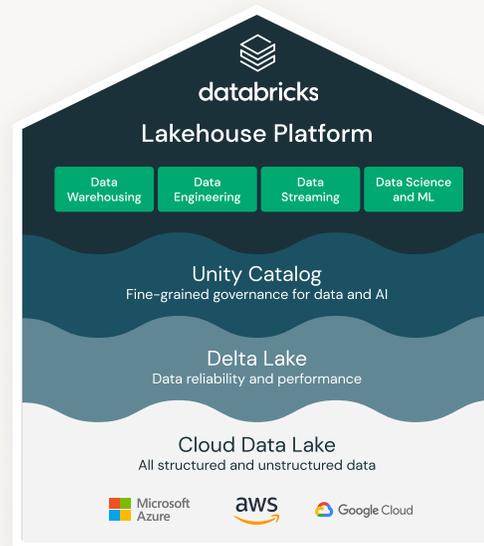
Bespoke industry-specific capabilities for data management and usage

Industry Lakehouse Blueprints further simplify deployment

Industry Lakehouse Blueprints have been developed to simplify the deployment and configuration of Databricks Lakehouse. Blueprints are a collection of industry-sourced, prescriptive design patterns. Blueprints range from “how-to guides” or demos to completely codified libraries and Terraform modules, which can be used to build your lakehouse. Blueprints do the following:

- Automate deployment of workspaces, security and governance across clouds
- Prescribe methods for common data management patterns
- Incorporate predefined utilities ingest and curate industry-specific data sets

Blueprints incorporate leading practices and patterns from thousands of customer implementations. Simplifying the steps to design and provision a lakehouse helps customers get value from their data faster. Organizations have been able to reduce timelines by 3-6 months for their more complex, highly secure deployments across industries such as Financial Services and Healthcare & Life Sciences.



Industry Quickstarts



Industry Lakehouse Templates



Deployment Templates

Key benefits

1 Save time and resources through automation

With Lakehouse Blueprints, you don't need to spend lots of time configuring Databricks. Instead, build upon an open source deployment framework and focus on the customizations that are unique to your company.

Developers can move faster, and data migrations are less time-consuming. Be up and running within a matter of minutes, instead of weeks or months.

2 Reduce risk with repeatability and consistency

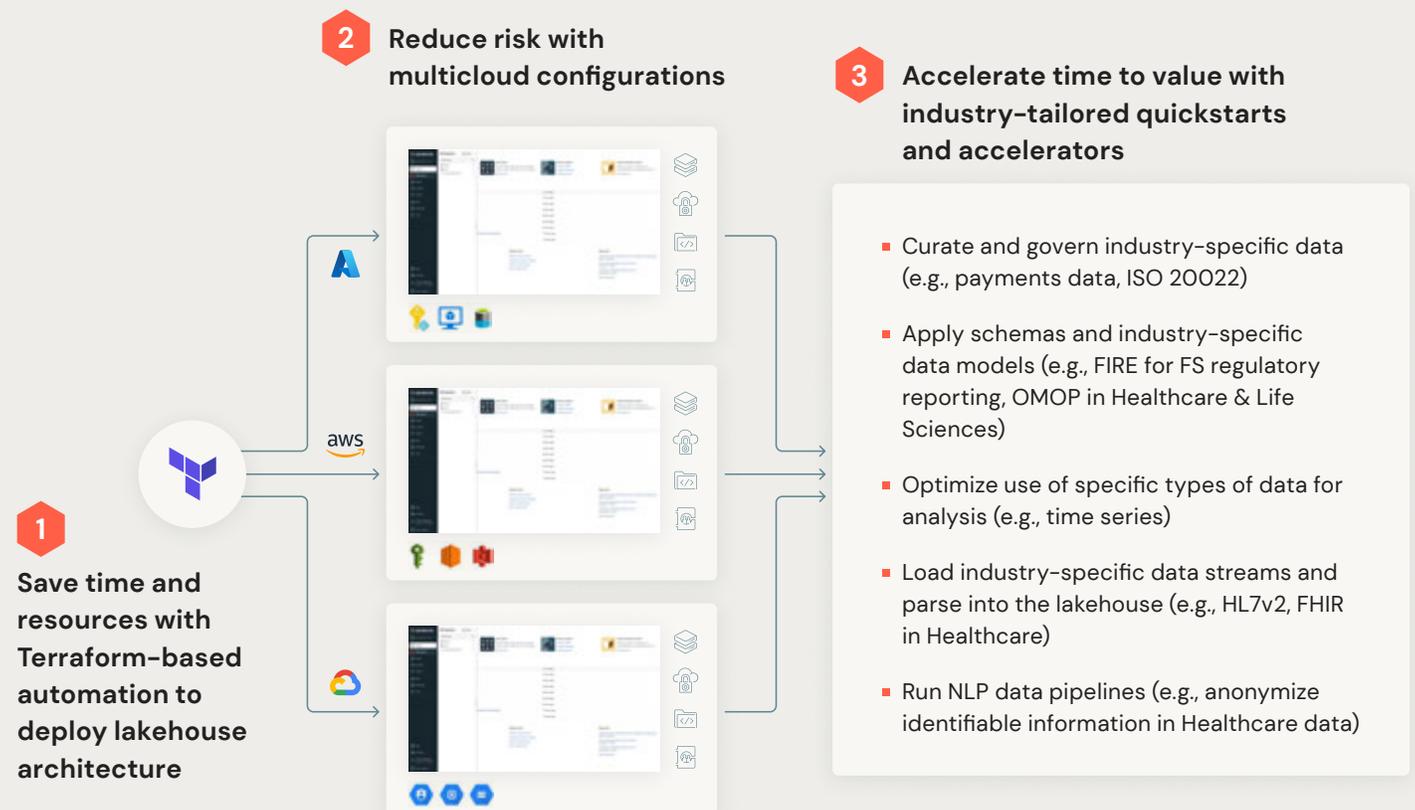
Industry Lakehouse Blueprints make deploying Databricks more foolproof, reducing the risk of misconfiguration without spending unnecessary cycles and resource time.

Additionally, Databricks has created the Lakehouse Blueprints for each major public cloud — AWS, Azure and GCP. As multicloud adoption continues to grow, customers can better ensure consistent deployment of configurations across clouds.

3 Accelerate time to value with faster use case deployment

Lakehouse Blueprints include industry-specific modules that incorporate data utilities, industry quickstarts, and design patterns to simplify and accelerate the implementation of core industry use cases, allowing you and your business stakeholders to get to value faster.

These preconfigured jobs and workspaces reduce the time you spend on everything from data engineering to model development. To address even more use cases, check out all of the Databricks [Solution Accelerators](#), which you can easily import into your workspace.



Key Features

Industry Lakehouse Blueprints were developed using a modular approach.



Core Platform Deployment Templates



Provisioning the core platform with Terraform deployment modules for workspaces, security and governance across clouds

Databricks Workspace

Platform Security Setup
(VPC, Private Link, Secure Connectivity)

Governance Standards
(aka Unity Catalog)

... Additional product and security configurations



Industry Lakehouse Deployment Templates



Packages of industry-specific utilities, libraries and quickstarts to jump-start deployment of the lakehouse for your industry and development of common use cases

FS Lakehouse

HLS Lakehouse

... Additional Industry Modules



Industry Quickstarts

Prescribing methods for common data management patterns that are linked to key industry themes and helping to instantiate data curation libraries for industry-specific data sets. Few examples of **Financial Services Quickstarts** include:

Debt-to-Income Metrics
With Prophecy on
the Lakehouse

Portfolio Valuation and
Analysis Using dbt
on Databricks

Common Domain Model
Enforcement
(waterbear)

Post-Trade Analytics
Quickstart

Getting started

DOWNLOADS



Terraform Modules

Terraform templates to deploy the lakehouse architecture

LEARN MORE



How-To Video

Learn how to deploy the modules

DIRECT SUPPORT



Schedule a Demo

See Databricks platform in action