

Slalom Data Lakehouse Accelerator

The Lakehouse accelerator helps clients get going faster and provides a framework to grow their data estate

The accelerator simplifies loading data into a Lakehouse so data teams can focus on what really matters – extracting value from data

ACCELERATOR ADVANTAGES

The accelerator is an all-in-one package for standing up a Data Lakehouse

Cloud Infrastructure

The accelerator comes with Terraform templates that deploy all the necessary infrastructure needed to build a Lakehouse including a Databricks workspace, networking, storage, key stores, and an orchestration tool.

DevOps

This accelerator has all the necessary DevOps components required to run a development, testing, and production environment. Including pipelines to test, approve, and push deployments into each environment.

Data Pipelines & Orchestration

Slalom's technology takes advantage of metadata driven pipelines to reduce the time and effort needed to ingest new sources and extract all the value out of data. The accelerator includes all the needed parts to extract, transform, load, and curate datasets into the Lakehouse paradigm.

WHERE IT'S BEEN USED

Healthcare Information Exchange

A healthcare information exchange (HIE) wanted to better use the mountains of data that it owned. The HIE initially partnered with Slalom to build a modern data platform; however, when a global pandemic began, we collectively decided to pivot. Through our partnership, we were able to produce and deliver hourly contact tracing datasets to the team in addition to the 'pre-COVID' scope, enabling the HIE to have an extensible analytics env. That adds new data sources to the platform in less than an hour.

MORE INFORMATION

If the Data Lakehouse accelerator can impact your projects or a client, check out the additional material and reach out to the contacts below.

Technical Owner: Arjun Jeyapaalan arjun.jeyapaalan@slalom.com

Content Owner: Davis DeFontes davis.defontes@slalom.com

Introducing Data Lakehouse

[Unlocking the Power of Data During a Pandemic](#)

CRISP: A Customer Story

[Healthcare Exchange - A data platform to handle anything](#)

Bitbucket - Repo

[Data Lakehouse Accelerator Infrastructure](#)

A Guide to Use

[Orchestrating Azure DevOps and Pipelines for Lakehouse](#)