Infinitive

Databricks Lakehouse Migration

Migrate to Databricks Lakehouse for Scalable,
Cost-Effective Data Management

Business Challenge

Organizations face numerous challenges with legacy data systems, including fragmented data across multiple platforms, high operational costs, and limited scalability. These issues hinder the ability to derive actionable insights and leverage advanced analytics. Migrating to the Databricks Lakehouse platform addresses these challenges by providing a unified, scalable, and cost-effective data architecture that unlocks the potential of your data.

Solution Summary

Infinitive's Databricks Lakehouse Migration Solutions leverage our expertise and proven methodologies to ensure a successful transition to the Databricks platform. We support migrations from any source system, including EMR, Snowflake, Cloudera, Redshift, and Teradata. Our approach includes initial assessment, lakehouse design, data migration, and validation, tailored to your specific requirements. Infinitive uses accelerators, tools, and frameworks to speed up migrations and ensure data integrity, security, and performance throughout the process.

Let's Get Started

Infinitive offers tailored workshops to help clients plan their migrations, ensuring a seamless and efficient transition to the Databricks Lakehouse platform. Contact us to schedule a workshop and start your migration journey today.

Benefits and Value Realization

- **Seamless Integration:** Easily integrate and consolidate data from various sources into a unified lakehouse architecture.

- **Improved Data Insights:** Leverage advanced analytics and AI capabilities to drive data-driven decision-making.

- **Operational Efficiency:** Streamline data processes and reduce maintenance overhead.

- **Scalable Solutions:** Flexible architecture that grows with your data needs.

- **Cost Savings:** Optimize data processing costs with a pay-as-you-go model and reduced infrastructure expenses.

- **Future-Proof Architecture:** Benefit from an open standards platform that ensures long-term accessibility and avoids vendor lock-in.

amazon EMR

amazon REDSHIFT

snowflake

CLOUDERA

databricks

Elastic Scalability
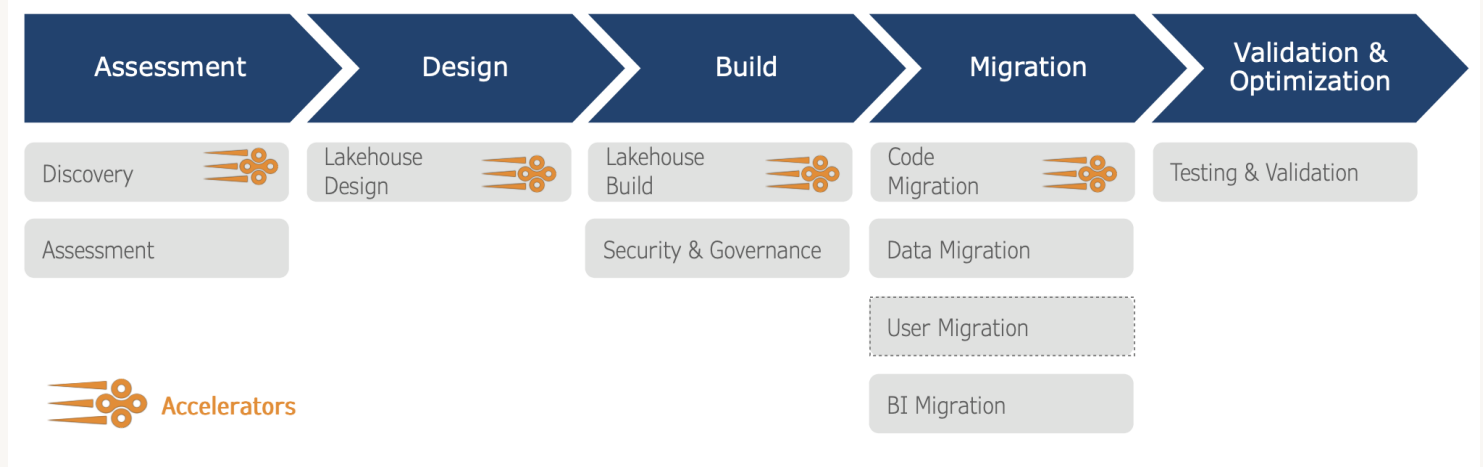
Cost Efficiency

AI Optimized

Open Standards

Enhanced Performance

Robust Data Governance

Migration Approach

Infinitive tailors its proven data migration approach to your unique needs, adapting to migration type (lift and shift, modernize, or hybrid) and enterprise requirements. We ensure data integrity, security, and performance, using specialized tools and frameworks to accelerate migration and reduce costs.

Assessment	Design	Build	Migration	Validation & Optimization
Discovery	Lakehouse Design	Lakehouse Build	Code Migration	Testing & Validation
Assessment		Security & Governance	Data Migration	
			User Migration	
			BI Migration	

Accelerators

Success Stories: Proven Results with Databricks Lakehouse Migrations

Infinitive's expertise in Databricks Lakehouse migrations helps organizations achieve significant improvements in data management, cost efficiency, and operational performance. Here are a few examples of how we've delivered exceptional results for our clients:

Top 10 US financial institution
Customized migration scripts and ensured security and compliance, resulting in a seamless transition for over 6,000 users and enhanced security features.

Major Financial Institution
Migrated data from Snowflake to Databricks, achieving robust data validation, optimized cluster usage, and improved query performance.

Healthcare Analytics Firm
Migrated data from AWS S3 to Databricks Lakehouse, resulting in a cost-effective implementation and improved data governance and security.

Educational Non-Profit
Modernized data architecture by moving ETL components to Databricks, resulting in ETL execution improvements of up to 100x and significant cost savings.

Leading Insurance Provider
Migrated from AWS Glue to Databricks, improving data processing efficiency and lowering operational costs.

Global Shipping Company
Implemented Databricks Lakehouse Security, enhancing data security and compliance.

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