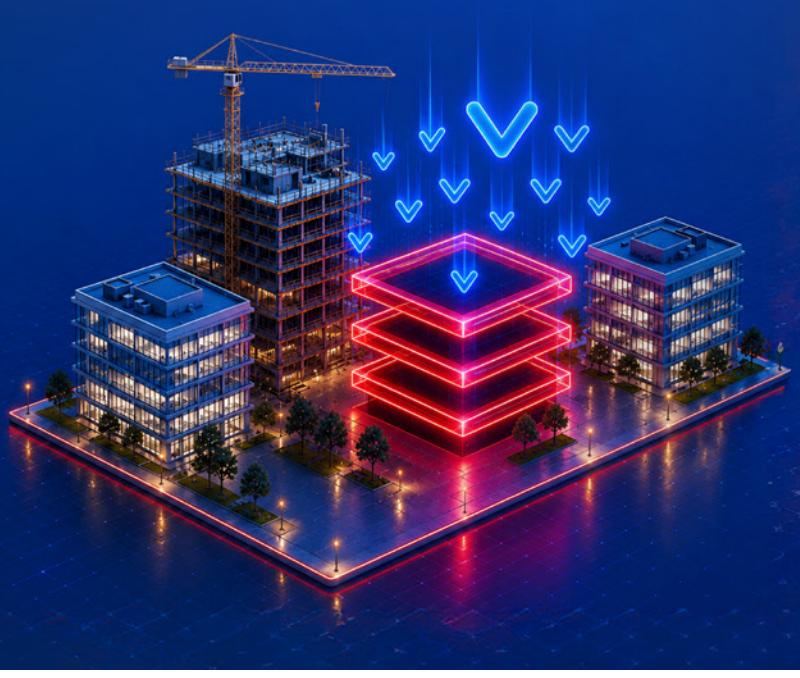
databricks × LatentView
Actionable Insights • Accurate Decisions

databricks BRICKBUILDER PARTNER NETWORK GOLD

CASE STUDY

From Fragmented to Future-Ready
Migrating 5,000+ dbt models from Snowflake to Databricks



Industry: **Software** | Domain: **Data Engineering**

THE OVERVIEW

A leading American **construction management SaaS company** was running **5,000+** dbt models daily across a fragmented data stack, paying the price in infrastructure costs, operational drag, and a platform architecture that was working against them.

LatentView stepped in to fix it at the root: **a full migration of their dbt transformation ecosystem from Snowflake to Databricks.**

KEY CHALLENGES

Rising Infrastructure Costs

5,000+ daily dbt runs on Snowflake were driving high compute, storage, and I/O costs.

Platform Fragmentation

Data moved constantly between Snowflake and Databricks, increasing egress costs, duplication, and latency.

Operational Complexity

Airflow-based orchestration added dependencies, failure points, and troubleshooting efforts.

The LatentView approach

HOW WE DELIVERED

01
Automated Discovery

Profiled the Master Data Management pipeline to assess model complexity, dependencies, and migration effort.

02
Accelerated Conversion

Used MigrateMate to convert Snowflake-specific dbt SQL into Databricks-optimized code at scale.

03
Pipeline Modernization

Moved dbt workflows into Databricks using Databricks Asset Bundles, removing external Airflow dependency.

What we enabled

THE BUSINESS IMPACT

Cost Reduction

Reduced compute, storage, I/O, and egress costs by consolidating workloads into Databricks.

Operational Simplification

Removed Airflow from the stack, simplifying deployments and accelerating troubleshooting.

Data Redundancy Elimination

Eliminated recurring data copies between Snowflake and Databricks, reducing egress overhead, improving lineage, and removing duplicated storage.

ML and Data Science Readiness

Enabled teams to use transformed data directly within Databricks for advanced analytics and machine learning.

What changed for the business

THE OUTCOMES

BEFORE
Fragmented stack driving high costs and operational drag

→ NOW
One ecosystem with lower costs and streamlined operations

BEFORE
Data barriers limiting analytics and ML readiness

→ NOW
Infrastructure ready to support advanced analytics and ML

Take the fast lane to Databricks.

Book a 30-minute conversation with our analytics & AI experts today!

LET'S TALK →

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