Trusted data in Snowflake with Aperture Data Studio pushdown processing

Drag-and-drop data quality management to solve issues at the source

Poor-quality data puts operations, decision-making and innovation at risk. You've invested in a scalable, high-performance data cloud, but you need confidence that the data it holds can power your ambitions. Moving data out of Snowflake's AI Data Cloud to fix quality issues takes time, slows performance and introduces a potential security risk.
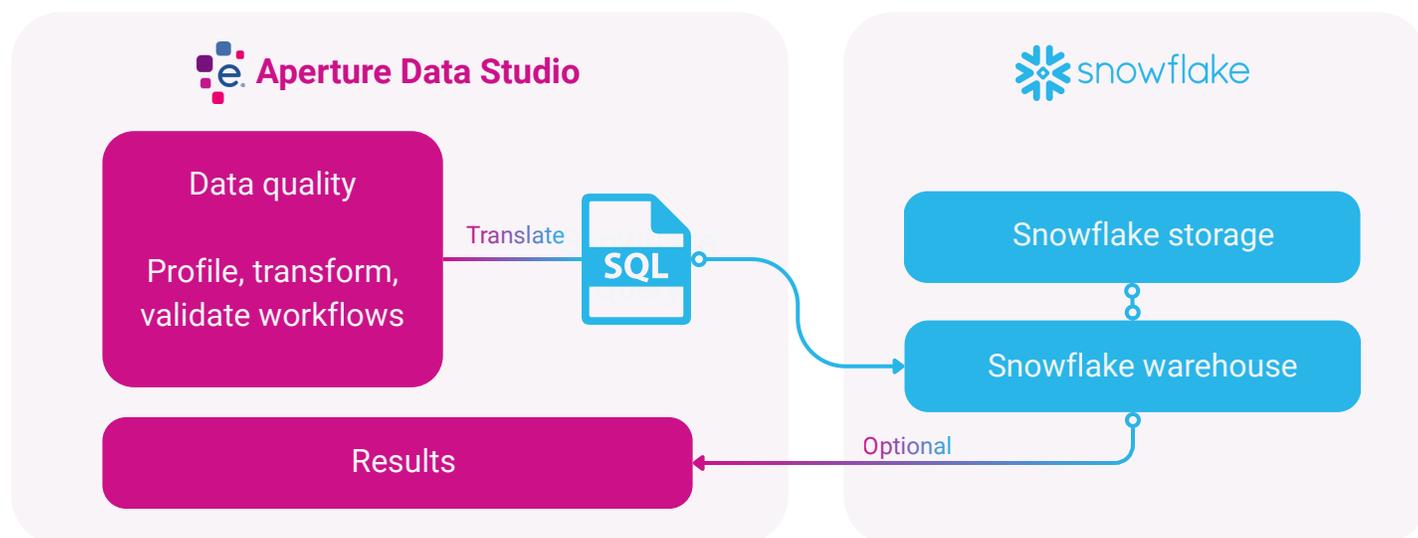
Aperture Data Studio, our data intelligence platform, helps you achieve trusted data at source. **Run data quality workflows directly in Snowflake's AI Data Cloud to profile, validate and transform data where it already lives, securely and at scale.**

65% consider having AI-ready data as one of the biggest challenges, according to 2025 Experian Perceptions of AI report.

With Aperture Data Studio's **intuitive drag-and-drop interface enhanced by GenAI assistance, in-app recommendations** and **Experian-built templates**, users can quickly design data quality workflows in Aperture Data Studio and execute them directly in Snowflake's AI Data Cloud.

How it works

With pushdown turned on, clicking **Run** prompts Aperture Data Studio to **convert the data-quality workflow into SQL**, execute it in Snowflake and return a snapshot to Aperture Data Studio *(optional)*.

Benefits

Unlock high-quality data faster
Power decision-making, operations and innovation with trusted data produced in minutes instead of hours, thanks to Snowflake's optimized processing engine and no data transfer.

Lower cost and complexity
Cut spending on extra data processing and custom engineering by building data quality workflows with Aperture Data Studio's no-code/low-code tools and executing them in Snowflake.

Strengthen compliance and reduce risk
Minimize data movement and keep sensitive information inside Snowflake at all times, reducing exposure.

Boost workforce productivity
Equip business users to manage large-scale data quality workflows and free engineering resources to focus on technical initiatives.

Why Aperture Data Studio

Data quality without complexity
Scale data quality, not technical burden. Unlike complex, code-heavy tools, Aperture Data Studio's drag-and-drop interface, GenAI guidance and reusable templates make it easy to **maintain accurate, reliable data.**

Proven expertise
Built on decades of our data quality leadership, Aperture Data Studio delivers trusted, expert-driven capabilities that **reduce risks and accelerate outcomes.**

Enduring alliance
As partners, we work closely with Snowflake, building a **joint roadmap** to create and **enhance solutions** to meet your most pressing data needs.

Unified data quality and governance
Go beyond point solutions to build an enduring, trusted data foundation. **Manage profiling, validation, transformation and governance together.**

Aperture Data Studio's drag-and-drop workflow canvas
Purple boxes show steps selected for pushdown processing.

Ready to establish a trusted data foundation in Snowflake?
Contact your account executive to request a demo or <u>click here</u> to get in touch.