

SSAS Replacement on Snowflake with AtScale

Leveraging AtScale enables organizations to replace SQL Server Analysis Services and migrate the workload to Snowflake

The Problem

SSAS has several drawbacks, including its inability to handle big data and the complexity of defining and modifying dimensional models. Further, using SSAS requires moving data out of Snowflake which is complex and fails to leverage the power of the Snowflake Data Platform SQL Server Analysis Services (SSAS) is a popular platform for delivering dimensional analysis. SSAS exposes "cubes" to end users which makes data easier to consume for business users.

The Solution

AtScale delivers an architecturally superior alternative to SSAS. AtScale allows you to do multi-dimensional analysis directly on data in Snowflake, without extracting data to pre-aggregate it. AtScale is built for big data and will scale with your business while improving your Snowflake ROI.

Ultimately, this helps organizations deliver better sales analytics velocity and granularity, as well as delivering a powerful platform for BI teams to build robust and usable business insight programs.








KEY ANALYTICS BENEFITS

- Faster dimensional modeling
- Accelerated data access
- Better analytics velocity and granularity
- Robust and accessible business insights
- A powerful platform for business intelligence teams

Feature	AtScale	SSAS
Scale	Scales with underlying data platform	Limited to SSAS server resources
Interface	XMLA, SQL, REST	XMLA
Data Movement	No	Yes
Data Fidelity	Atomic, Aggregated	Aggregated
Modeling	MD & Tabular in one	Separate products for MD vs. Tabular
Development	Web based, multi-user	Desktop, single user

AtScale helps Snowflake customers build world-class business intelligence and data science programs while leveraging the full flexibility and capability of the Snowflake Data Cloud. Removing SSAS from the equation means better agility and performance, faster modeling and accelerated data access.

Key Business Benefits

-  **ROI**
Realize 2.5-9X ROI improvements for data and analytics by switching to AtScale + Snowflake. ROI realized through improved query performance, user concurrency, compute costs, and SQL complexity.
-  **Zero Disruption**
AtScale has been proven in production environments to easily replace SSAS with no disruption to operations. One customer ran 300,000 queries per month with SSAS and runs the same number using AtScale with no issues.
-  **Optimized Cloud Analytics**
Optimize analytics programs built on cloud infrastructure. Ensure performance, manage costs, bridge multi-cloud data.
-  **Cost Control**
AtScale has an order of magnitude impact on ROI for each major cloud data warehouse, including Snowflake. Customers using AtScale control costs and complexity of cloud analytics.
-  **Governance**
Customers using AtScale on Snowflake maintain a consistent and compliant view of data across the enterprise.
-  **Force Multiplier**
Get more value out of resource-constrained data and analytics teams without needing to increase headcount. Accelerate operational decisions from days to seconds.
-  **Trusted Data**
Make higher quality decisions based on trusted, consistent data, even across multiple users and timeframes. Take advantage of rapidly evolving economic conditions.

ABOUT ATSCALE

AtScale lets organizations make smarter data-driven decisions with its analytics semantic layer that simplifies, accelerates, and extends BI and analytics programs built on cloud data.

For more information, visit www.atscale.com