

# MANAGE COMPLEXITY & RISK AT SCALE WITH SIGMA ON SNOWFLAKE

Cloud-Native Analytics for Modern Financial Services Organizations

## SIGMA + SNOWFLAKE = SPEED + SCALE + SECURITY

As an Elite Technology and Financial Services Partner, Sigma connects to Snowflake's Data Cloud in seconds, providing a spreadsheet-like user interface for exploratory analytics.

Ease-of-use, scalability, and performance enable financial services data teams and business analysts to align around a common language to solve complex use cases.

Today, approximately 1 billion people use spreadsheets on a monthly basis. Sigma on Snowflake will help you to accomplish the following:

- Remove the language barrier between data and business teams; if you know how to use a spreadsheet, you know how to use Sigma
- Reduce time spent in technical and business requirements gathering, and allow you to rapidly prototype and adjust with accurate lineage mapping
- Employ Snowflake's data governance within Sigma and take advantage of Sigma's role-based and row-based security protocols
- Get key security protocol support through the following Sigma Certifications: GDPR, SAS70, AWS Private Link, HIPAA, Privacy Shield, CCPA, CSA, SOC 3, SOC 2 Type II, and SOC 1 Type II

“Sigma checked all the boxes for us. It connected directly into Snowflake and had a spreadsheet interface similar to Excel that our business teams felt comfortable with.”

### ROSS LEVIN

Managing Director, Global Clearing, Settlement & Securities Finance, Cowen Inc.



### ACCESS YOUR DATA IN NEAR REAL TIME, ALL THE TIME

Now you can conduct analyses on billions of rows of data and embed analytics easily and quickly.



### EXPLORE YOUR DATA

Sigma allows you to work with all of your data, analytics, and data sources. No longer will you make decisions on incomplete roll ups, artificially predefined drill paths, and limited subsets of data. Sigma on Snowflake gives you access to massive, live data sets. This reduces the risk of hidden insights that go unused due to overly complex BI functionality.



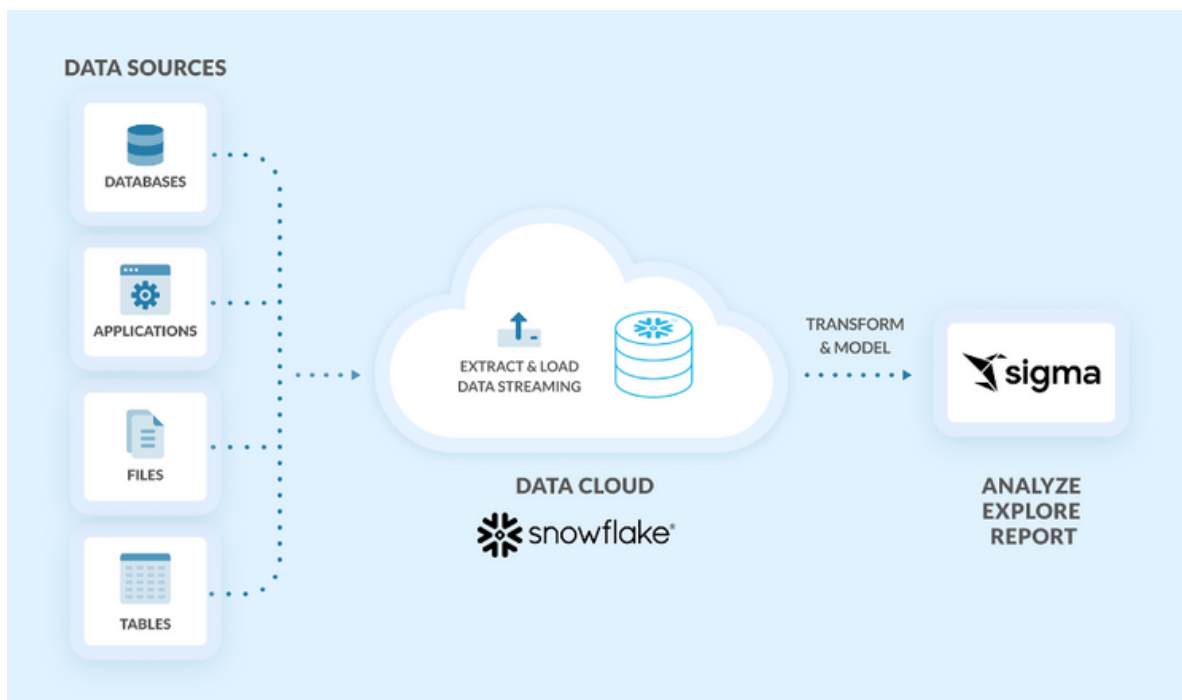
### UNIFY YOUR DATA & BUSINESS TEAMS

Unleash the speed and scalability of Snowflake's Data Cloud on Sigma. Both data teams and business users can create and curate data sets, as well as deliver detailed dashboards or data models on live, governed, massive data sets in Snowflake. Because no coding or specialized training is required, Sigma users can conduct exploratory “ad hoc” analyses and create data products immediately.



### ENTERPRISE-GRADE SECURITY BUILT FOR YOUR CHIEF INFORMATION SECURITY OFFICER (CISO)

With Sigma, your data never leaves the Data Cloud. No extracts, no caching, no data in transit—nothing. Everything stays where it belongs and all operations are executed inside the Snowflake Data Cloud. This protects you, your company, and your customers' personally identifiable information (PII). Sigma is ISO 27001 compliant.



### Workload:

- Financial services organizations can increase the effectiveness of their risk analysis through fast, scalable, and easy-to-use cloud-native analytics
- Sigma may be used both internally and shared securely with external partners through embedding while remaining compliant with the new 2023 FRTB standards
- Sigma's Financial Risk Analysis solution provides:
  - Value at Risk (VaR) Analysis
  - Expected Shortfall (CVaR)
  - Volume-Weighted Average Price (VWAP)
  - Performance Analysis
  - Trend Analysis

### Customer Impact:

TD Cowen, the market leader in capital markets advisory and underwriting, was able to:

- Cut ad-hoc reporting requests to 0
- 6x Faster report creation
- Explore 5 billion row data sets, and analyze without extracts

### About Snowflake

Snowflake enables every organization to mobilize their data with Snowflake's Data Cloud. Customers use the Data Cloud to unite siloed data, discover and securely share data, and execute diverse analytic workloads. Wherever data or users live, Snowflake delivers a single data experience that spans multiple clouds and geographies. Thousands of customers across many industries, including 573 of the 2022 Forbes Global 2000 (G2K) as of January 31, 2023, use Snowflake Data Cloud to power their businesses. Learn more at [snowflake.com](https://snowflake.com).

### About Sigma

Sigma is a cloud-native analytics platform that uses a familiar spreadsheet interface to give business users instant access to explore and discover insights from their cloud data warehouse. It requires no code or special training to explore billions of rows, augment with new data, or perform "what if" analysis on data in real time. Sigma is a Snowflake Elite Technology Partner. Learn more at [sigmacomputing.com](https://sigmacomputing.com)