



Why Your SAP Analytics are Costing Your Business (and How Snowflake Can Help)

SAP is the world's most successful and innovative ERP company, and its core system is responsible for streamlining operations and charting sustainable growth at the biggest and brightest data-driven organizations in almost every industry.

But without a centralized data cloud platform like Snowflake, SAP data products can't reach their full potential, as SAP is best utilized in conjunction with a host of other enterprise tools that come with limited cross-functionality, creating data silos that can be costly and difficult to bridge.

With many organizations deploying tools like Salesforce, Kronos, Workday, and others alongside SAP to maintain enterprise functions, **cross-functionality**

issues limit their data's potential for transformative optimization, as these tools can only process a limited scope of data.

That's where Snowflake comes in, offering a platform where data tools can be leveraged in conjunction with one another to unlock the full potential of their combined functionalities.

With SAP selectively feeding enterprise data to Snowflake, which then models and analyzes that data for maximum insight, these two tools can have incredible synergy, with the potential to transform a cluttered and inefficient data stack into a reliable source of powerful data insight.

What Makes Snowflake and SAP Such a Powerful Combination?

SAP is unrivaled in its ability to provide a robust enterprise resource planning ecosystem, empowering organizations to streamline workflows and foster collaboration. Similarly, Snowflake stands out as the premier data cloud platform, offering unparalleled speed, scalability, and flexibility for modern analytics.

Combined together, these two platforms enable enterprises to leverage SAP's structured workflows while maximizing the potential of their data with Snowflake's centralized cloud capabilities. Snowflake breaks down data silos, making it easier to unify, analyze, and act on diverse data sources—all in real-time.

By migrating SAP analytics workloads to Snowflake, organizations can achieve up to **20x cost savings per terabyte of data**, with additional reductions in licensing and maintenance costs. Snowflake's efficient architecture also requires **75% less administrative effort** than SAP BW, freeing up teams to focus on strategic growth and innovation. This powerful combination ensures businesses can drive better decisions while reducing costs and operational complexity.





Finding Data Synergy with a Global Audio Equipment Manufacturer

When a leading audio equipment manufacturer partnered with Hakkoda to engineer a better data stack, they were facing several challenges. They were undergoing the upgrade of their SAP from R/3 ECC to S/4HANA. As part of the upgrade, a strategic decision was made to **implement analytics in Snowflake rather than SAP BW/4HANA**. This was a strategic decision to lower operating costs and increase analytical agility.

This journey to implement was hampered organizationally. Their poorly-integrated data tools were only capable of producing certain key data insights at weekly and monthly rates, which meant they were consistently working with outdated data. Additionally, they needed to integrate vast amounts of data from SAP's financial along with sales and delivery modules into Snowflake and model that data into useful analytical formats, like financial, income, and profit and loss statements—a process that was proving time-consuming and inefficient.

Hakkoda assisted the organization in **leveraging accelerators to shorten the Snowflake implementation timeline** and optimize the allocation of implementation resources, thus speeding up the migration process.

Accelerating Migrations with AI

Traditionally, migrating data from SAP BW to a modern data platform like the Snowflake AI Data Cloud is a complex and time-consuming process. However, Hakkoda’s advanced automation capabilities streamline this process, **reducing migration time by 40%**.

At the heart of Hakkoda’s approach is **using artificial intelligence to drive automation and efficiency in SAP migrations**. This AI-driven automation brings several key benefits:



Automated Data Modeling

Hakkoda can merge multiple SAP BW data models into a single Snowflake data model or data vault model. This automation not only speeds up the process but also ensures consistency and accuracy across the data landscape.



Automation of Build

Hakkoda’s AI capabilities extend to the build phase, automating the creation of data structures and processes in Snowflake. This reduces the risk of errors and accelerates the overall project timeline.



Transparency and Best Practices

The use of AI ensures that best practices are consistently applied throughout the migration process. Clients gain full transparency into the migration workflow, fostering trust and confidence in the results.



Testing and Validation

Continuous monitoring of converted code, updated databases, and migrated pipelines. Automated AI to build trust in the new environment to ensure the migration is executed correctly.



**Faster
Time-to-Value**



**Fewer Resources
Required**



Better ROI

Real-World Results

The impact of Hakkoda's SAP migration services is profound. Clients experience a smoother, faster transition to Snowflake, with immediate benefits in terms of performance, scalability, and data accessibility. The efficiencies gained through automation translate into tangible business benefits, including:

- **Enhanced Decision-Making:** With data readily available and accurately modeled, organizations can make more informed decisions, driving business growth and innovation.
- **Operational Efficiency:** Automated migration processes reduce the burden on IT teams, allowing them to focus on higher-value activities. This leads to greater overall efficiency and productivity.
- **Competitive Advantage:** By adopting Hakkoda's cutting-edge migration solutions, organizations gain a competitive edge in their industry, positioning themselves as leaders in data management and analytics.

For one enterprise business, Hakkoda also modeled SAP S/4 GL data sets into Snowflake, including P&L, income statements, and financial statements.

This transformed unstructured data into legible analytical formats that were immediately useful and legible to the organization's data team. Additionally, Hakkoda also ensured that the organization implemented best practices to ensure maximum

security through Snowflake, implementing RBAC (role-based access control) and MFA (multi-factor authentication) features.

The organization was able to generate data insights at a **daily cadence**, exponentially improving the actionability and accuracy of those insights over the monthly report cadence available to them in the past.

More recent data allowed more proactive business planning, rather than the reactive approach that was necessitated by an inefficient data stack. This new setup also yielded more “low-hanging fruit” data science use cases for end businesses users, potentially paving the way to save countless hours of manpower and eliminating the incidence of manual error.

But migration is also just the first step in unlocking the full power of your SAP data in Snowflake. Once you have made the leap to the modern data stack, **Snowflake's unique capabilities open a world of new possibilities for your your SAP analytics workloads—**uniting those workloads with historical ERP data and other critical sources from your data ecosystem while unlocking the sophisticated forecasting capabilities you need to propel your business forward.

If you're ready to efficiently centralize your SAP data and tap into the unparalleled analytical insight and security that Snowflake can bring, let's talk today about how Hakkoda, Snowflake's 2024 Services Partner of the Year, can help you find data synergy with these transformative data tools.

SAP Migrations & Optimization



Migrations led by Snowflake experts from functional SAP roles



AI-powered acceleration that takes projects from 3 years to 6 months



20x cost savings for large organizations on Snowflake vs SAP

“Hakkoda provides data solutions & services that turn your SAP S/4 investment into innovative outcomes.”

Untether Your Analytics Workloads in Snowflake

Reduce cost of ownership with and 10x savings on infrastructure and licensing

Sunset legacy tooling as BW & ECC come to end of life

Do more with your data by unlocking it from BW/HANA & scaling your data ecosystem

