

Simplify AI on Snowflake

The Data Cloud meets the Decision Cloud

© 2024 LTIMindtree Limited www.fosfor.com

Harnessing the data deluge

You, like many others, have embraced the transformative power of data. You've migrated your data infrastructure to Snowflake – the cloud-based data platform known for its scalability and flexibility. Now, a vast Data Cloud sits at your fingertips, brimming with customer behavior, operational metrics, and market trends.

However, this abundance has presented a new challenge: extracting actionable insights from this data. Your fragmented data stack investments (in multiple tools and technologies) complicate the process with complex integrations, limited agility, data vulnerabilities, and rising costs.

The Fosfor Decision Cloud (or the FDC) is a one-stop solution built exclusively to work on Snowflake, leveraging its processing power while offering a user-friendly interface for building and deploying AI and ML applications.

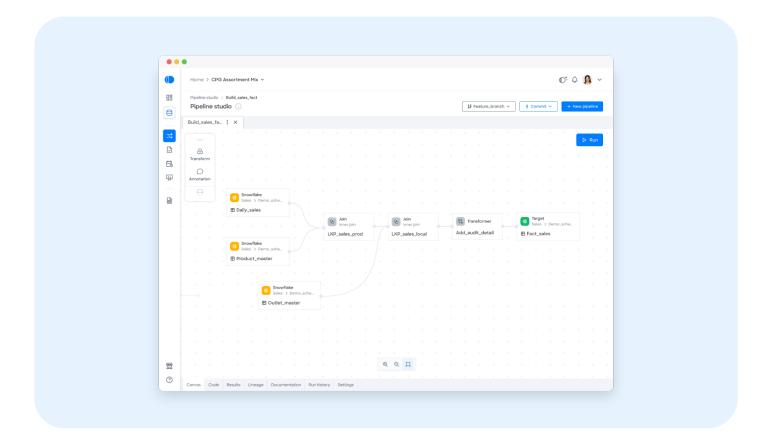


A match made in Data Cloud heaven

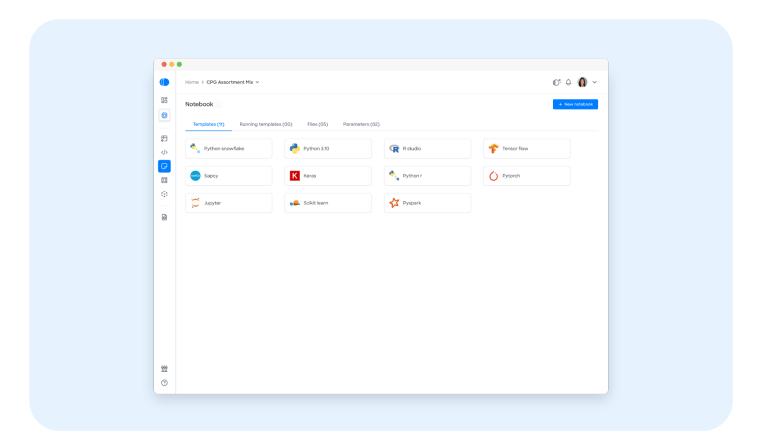
The Fosfor Decision Cloud optimizes operations across the data value chain by unifying all the components of the modern data stack. It amplifies the capabilities of the various elements in the Data Cloud, application, and data infrastructure layers through their effective integration, and simplifies how organizations interact with their data.

Together, Snowflake and Fosfor empower business decision-makers with instant access to AI-powered insights along with the agility and efficiency required by data analysts and ML engineers to run advanced workloads, perform advanced analytics, or build secure data pipelines with accelerated compute. With Fosfor and Snowflake, you can:

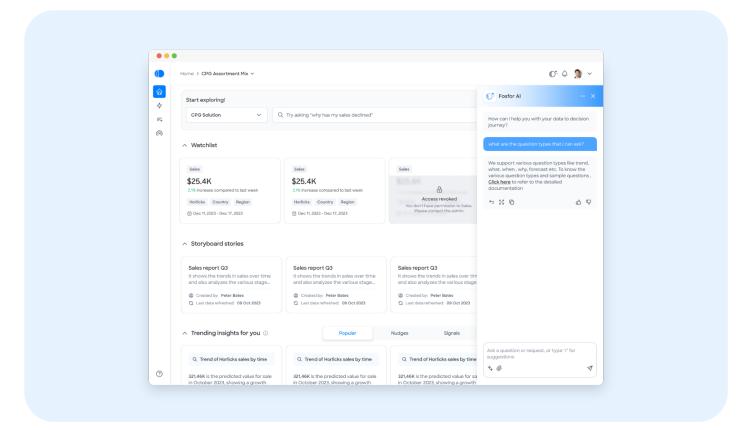
 Transform your Snowflake data at speed: Benefit from a user-friendly GUI and low code development features for data transformation with the FDC's Data Designer.



 Accelerate AI securely with zero data movement: Get end-to-end model management powered by co-pilots and LLMOps with the FDC's Insight Designer.

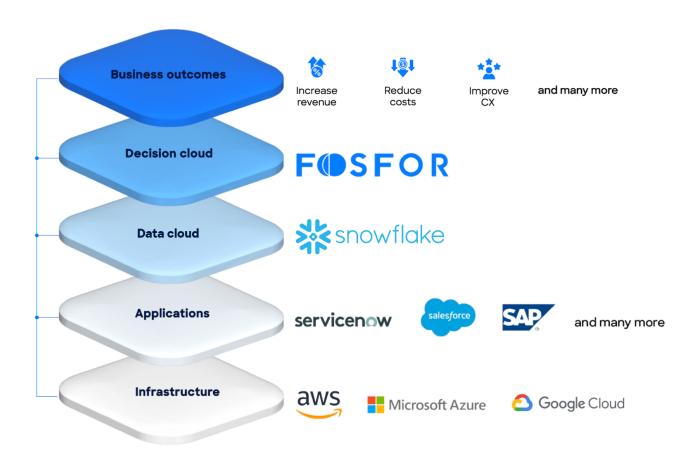


 Talk to your data without needing to write code: Use our GenAl-powered Natural Language Interface to uncover and explore business insights with the FDC's Decision Designer.



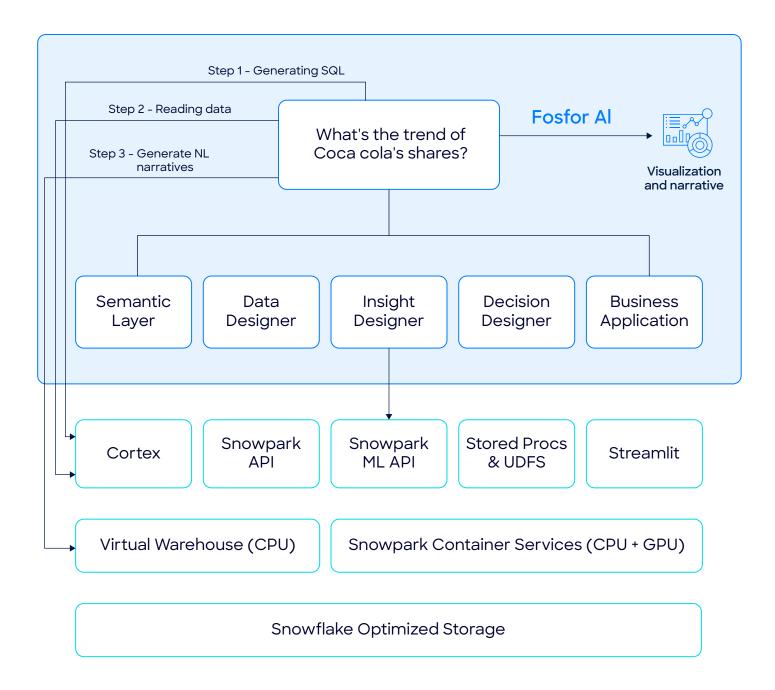
Why Fosfor and Snowflake?

- Built on and for Snowflake: Optimized to leverage underlying Snowflake services and capabilities, it delivers top performance at optimized cost, with zero data movement.
- **Simplified data-to-decisions journey:** Unified semantic layer powers data engineering, data science, and decision intelligence with GenAI interfaces, and simplifies AI on Snowflake.
- Accelerated processes: Leverage Snowflake's powerful native push-down data processing capabilities to execute transformation and machine learning workloads natively on the platform, reducing time-to-solution.
- Reduced risk: Eliminate data consistency and duplication issues by bringing transformation, machine learning, and Decision Intelligence workloads under a single unified Snowflake governance umbrella.
- Optimized costs: Natively optimize the workloads across Snowpark jobs & Snowflake SQLs for efficiency, resulting in lower compute demands.



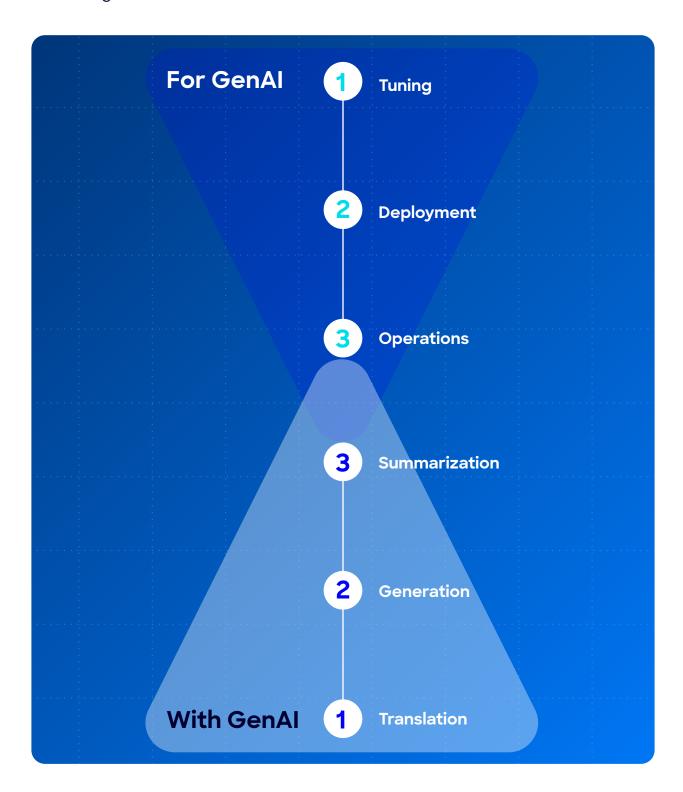
How does it work?

Fosfor Decision Cloud + Snowflake



The fastest way to run GenAl models on your Snowflake Cloud

Fosfor uses its own proprietary co-pilots to generate code that can be used across the lifecycle. These co-pilots inherently use the Snowflake Cortex LLMs to decipher the query and generate the right set of codes.



Winning with Snowflake

 Launch partners for the latest in Snowflake: Harnesses Snowflake's SQL engine, Snowpark, Cortex, SPCS, Streams, UDFs, and Stored Procedures to drive query workloads, data pipelines, and AutoML.

Latest integrations

- Snowpark Enhances analytics using Fosfor's NLQ/NLG engine
- Snowflake Cortex Powers GenAI and AutoML
- Snowpark Container Services Supports notebook workloads and service containerization









Customer spotlight

Transforming scheduling for healthcare

A healthcare marketplace platform, struggling to gain a holistic view of their workloads, wanted to expedite scheduling decisions for their healthcare professionals.

They implemented the FDC's Decision Designer, which worked seamlessly on their Snowflake data to generate key insights around worked hours, shifts, and facilities data, to improve scheduling and aid platform growth.

Business impact

- ~ 300+analyst and data scientist hours redeemed each week
- 95% accuracy in advanced analysis results
- 24/7 self-service insights available for all business users

Optimizing sales for F&B

A leading travel and F&B company needed to seamlessly integrate their migrated data on Snowflake to get an on-demand item and store-level sales analysis to build curated menus and pre-empt sales drivers.

They implemented the FDC's Decision Designer to perform advanced analytics on multiple data sets with smart query processing on Snowflake and achieved accelerated insights to understand seasonality in sales and optimize store sales.

Business impact

- Over 1 billion sales transactions (35 GB) of 5500+ outlets analyzed for item-level sales pattern
- Coherent store and item sales analytics securely stored in one place, with native connections to Snowflake
- Why, what if, and what next analysis performed on business-critical metrics on the fly

With the Fosfor Decision Cloud seamlessly integrated into Snowflake, customers can now tap into a single experience to fully democratize their data and fuel their data-driven decision making.

Tarik Dwiek
-Head of Technology Alliances, Snowflake

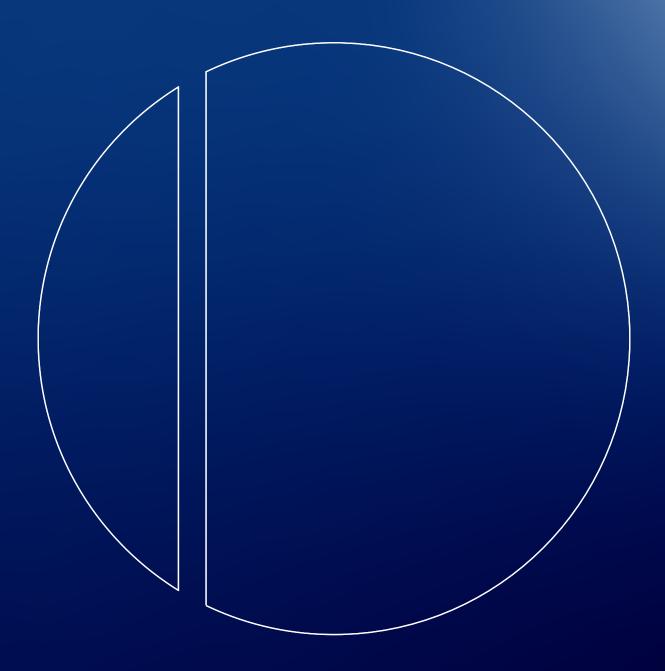
Fosfor provided the fastest way to effectively understand the store sales data on Snowflake and propose the correct mix of products for our customers. This allowed for comprehensive data explorations, quick simulations, rapid drill-downs, and baseline future strategies. **?

-Manager, Data Analytics, Global F&B company

Ready to simplify your Al journey on the Snowflake Data Cloud?

Visit www.fosfor.com





The Fosfor Decision Cloud is a connected fabric that unifies and amplifies the value promised by the modern data ecosystem, which is made up of infrastructure, data, and application clouds. Fosfor enables organizations to effectively curate data, generate impactful insights, and formulate effective decisions to deliver the long-sought promise of data and Al: optimal business outcomes. Fosfor is part of LTIMindtree, a global technology consulting and digital solutions company. For more information, visit www.fosfor.com.