



Building the future-ready enterprise AI data cloud

Cognizant and Snowflake
enable AI-ready data
foundations at scale

Capability playbook



Modernizing data estates for cloud-native, AI-driven enterprises

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Introduction

In recent years, exponential data growth and the proliferation of cloud-native applications have placed enterprises under sustained pressure—not only to manage data at scale, but to use it more effectively to drive insight, automation, and innovation. Data is no longer a back-office concern; it has become foundational to operational resilience, regulatory confidence, and competitive differentiation.

To successfully adopt AI and advanced analytics, enterprises must first establish a strong data foundation. **Modern data platforms must function as enterprise-wide enablers**, rather than isolated repositories. Achieving this requires a transformative architectural approach—one that unifies data while maintaining control, performance, and compliance.

This foundation-oriented view of data modernization underpins the Cognizant and Snowflake partnership and how they together address these challenges through platform capability, execution discipline, and sustained delivery at scale.



Understanding the enterprise data challenges and opportunities

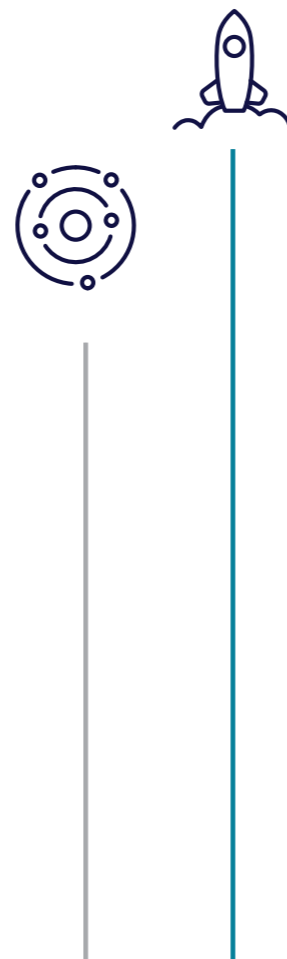
Across industries and geographies, **Cognizant has observed a recurring pattern of data challenges** emerging as organizations modernize digital operations and explore AI-led use cases. These challenges are not isolated technical issues; they are structural constraints that directly influence how effectively enterprises can scale analytics and operationalize AI.

Key challenges

Cloud-native applications, digital ecosystems, and data-driven operating models have reshaped how enterprises compete. This evolution has introduced new complexity and challenges such as:

- **Fragmented data estates** from multiple legacy systems and hybrid environments
- **Unpredictable cost models** that do not scale with business
- **Escalating infrastructure and platform costs**
- **Increasing regulatory compliances** across geographies
- **Limited agility** offered by traditional data platforms

Collectively, these constraints slow insight generation and limit the enterprise's ability to operationalize AI at scale.



The opportunity

At the same time, modern data architectures create an opportunity to address these constraints by establishing a unified, governed, and scalable data foundation that delivers:

- **Operational agility:** Enables near real-time access to enterprise data, improves responsiveness by reducing the lag between insight and on-floor action
- **Embedded financial governance and cost control:** Aligns data platform consumption with business demand, improving cost transparency, and fostering financial discipline across business functions
- **AI and advanced analytics readiness:** Establishes a unified, high-quality data foundation that supports scalable analytics, machine learning, and responsible AI deployment
- **Secure data collaboration:** Supports seamless yet controlled data sharing across teams and partners, enabling broader data reuse while maintaining governance, security, and compliance

These opportunity areas shape how effectively an enterprise can scale, compete, and sustain advantage in an increasingly data-driven digital landscape.

Cognizant's AI expertise and Snowflake's AI data cloud architecture, together provide the intelligent platform designed for scale, cost transparency, secure data sharing, and analytics enablement.

Cognizant and Snowflake partnership

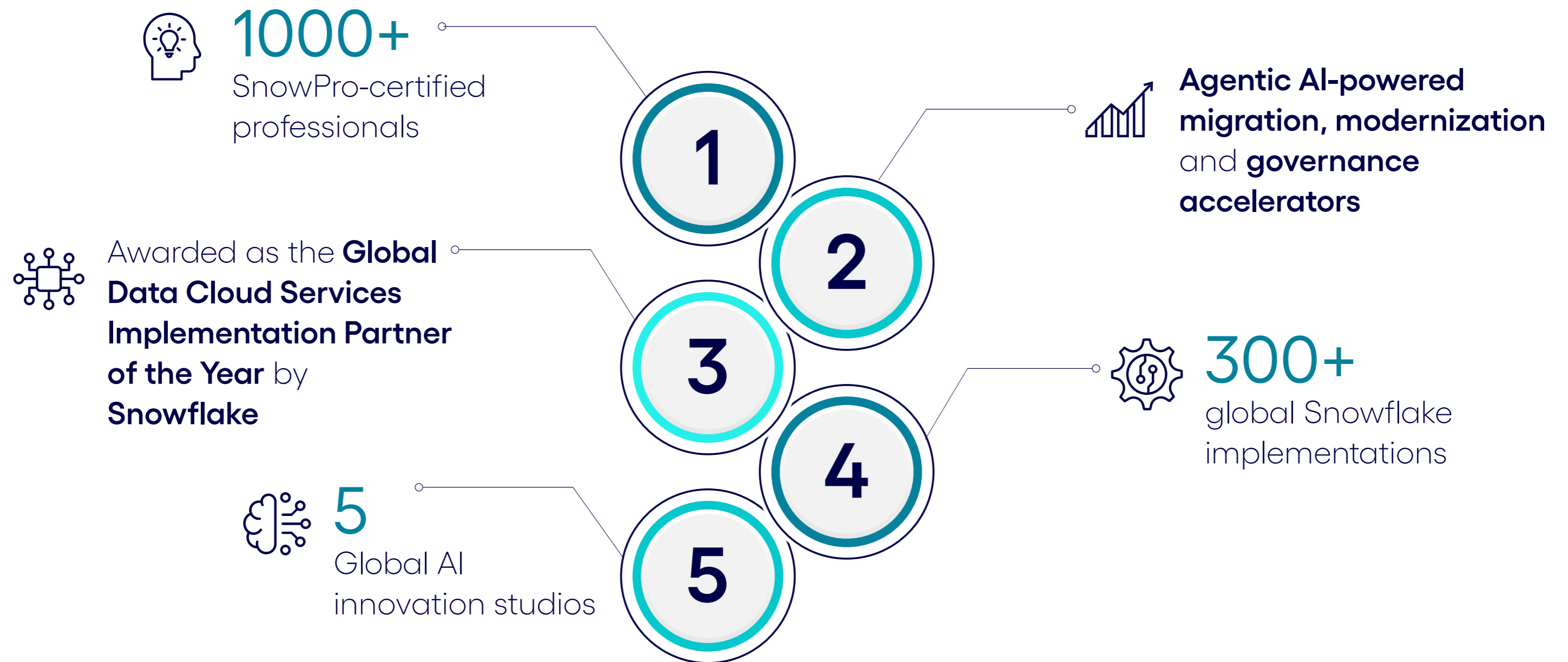
Delivering secure, AI-powered data estates that simplify compliance, enable seamless data sharing and drive innovation

Cognizant's partnership with Snowflake bridges the gap between ambition and execution. By enabling secure, cloud-native, AI-ready data estates that support continuous insight, governed data sharing, and scalable innovation, it empowers clients to transform challenges into opportunities, stay ahead of market change and amplify their business impact.



Beyond implementation to long-term platform enablement and value realization

Through this partnership, enterprises leverage industry-tailored toolkits and integrated support for critical workloads, along with access to Cognizant's industry-recognized leadership in delivering innovative solutions across geographies and verticals. This supercharged collaboration is built on the depth of capability, delivery scale, and AI-driven transformation supported by



From modernization to transformation

A differentiated approach that ensures migration is not an endpoint, but a catalyst for sustained data-driven capability

Traditional migrations often replicate legacy constraints in new environments. Cognizant's approach reframes modernization as a transformation journey—from **"X to Snowflake"**—emphasizing automation, governance, and analytics enablement from the outset.

The Cognizant Ignition™ toolkit

Automation-first approach across the migration lifecycle

- AI activation for business value
- Delivers script and schema conversion
- ETL modernization
- Data validation and QA acceleration
- Removes friction from platform setup and security hardening
- Standardizes governance and facilitates immediate business insight

These assets, paired with Cognizant's deep domain expertise and proprietary accelerator suites, offer uniquely seamless experience from vision to results.

On active client programs, this approach has delivered

70-90%

savings in data integration and schema migration efforts

up to

6 TB

of daily throughput

Accelerated

QA cycles

AI and analytics at scale

Empowering enterprises to become AI-native by embedding intelligent decisioning and process automation at scale

Cognizant's AI innovation studios support rapid prototyping and industrialization of:

- Agentic AI use cases
- Responsible AI frameworks
- Domain-specific analytics solutions

These capabilities powered by Snowflake Cortex and Snowflake Intelligence position data platforms as active decision engines.

Intelligent data operations

Gen AI-enabled data quality agents and multi-agent frameworks powered by Snowflake Cortex automate complex data management tasks, improving productivity and reliability. Key capabilities include:

- Automated issue detection and remediation
- Policy-driven data access
- Scalable MLOps orchestration
- Dynamic risk management and data governance

This supports streamlined model reuse, robust monitoring and auditable performance, all designed for fast market cycles and regulatory alignment.

With continuous innovation and industry leadership, Cognizant accelerates clients' journeys from legacy architectures to high-impact, real-time insights.

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Cognizant Agent Foundry

Extending data and AI into enterprise execution

While modern data clouds enable analytics and model development, realizing business impact increasingly depends on how effectively AI-driven decisions are embedded into day-to-day enterprise workflows.

It is at this stage of maturity that **agentic AI becomes relevant**. Agentic systems extend analytics and models beyond dashboards and predictions, enabling autonomous or semi-autonomous actions across enterprise processes. **Cognizant Agent Foundry** addresses this need by providing a structured, enterprise-grade approach to designing, deploying, and governing AI agents that operate within existing business and technology environments.

Key benefits include

- **Lifecycle-led adoption** a structured path from use-case identification through design, deployment, and scale.
- **Composable, reusable agent patterns** pre-built templates and capabilities that accelerate development and improve consistency.
- **Governance and observability by design** embedded controls for monitoring behavior, managing risk, and ensuring policy alignment.
- **Enterprise interoperability** integration with existing platforms, applications, and data environments.

By extending Snowflake-based data and analytics foundations into agent-driven execution, Agent Foundry enables enterprises to translate AI insight into sustained operational action.

Learn more at www.cognizant.com/us/en/services/enterprise-agent-development

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Industry-tailored solution design

Ensuring relevance and faster time to value across sectors

Across healthcare, finance, telecom, manufacturing and retail, Cognizant's Snowflake solutions are purpose-built for real business outcomes.

Cognizant's industry-specific offerings exemplify its commitment to rapid, scalable and secure modernization. Key offerings include:

- Healthcare data model framework
- Cortex agentic assist for sales & field executives
- Predictive maintenance solution for manufacturing industry

Clients achieve precise compliance in regulated environments with GDPR- and HIPAA-ready frameworks, while data access and collaboration marketplaces unlock innovation across teams and partners.



Industry-tailored solution design

The real-time pipelines, cross-functional integrations and domain-centric architectures, enterprises can move from insight to action faster, maximizing operational agility and customer engagement across multiple markets.



Healthcare

Cognizant's gen AI-assisted Plan Shopper and Field 360 solutions leverage Snowflake AI Data Cloud and Cortex AI

to accelerate:

- Personalized member recommendations
- Optimize real-time case management
- Automate patient journey mapping

Enables **80%** faster insight generation and precise compliance with GDPR and HIPAA regulations



Financial services

Cognizant enables next-gen financial analytics by modernizing legacy platforms onto Snowflake, driving

- Customer-centric data innovations
- Regulatory compliance
- AI-powered risk management using proprietary accelerators and multi-agent frameworks

Our composite customer data platform powered by Snowflake unifies omnichannel data to support real-time 360-degree insights, activation personalization and automated campaign optimization—improving segmentation precision and cross-channel engagement



Manufacturing

Predictive maintenance solutions and agentic assist applications on Snowflake deliver

- Proactive diagnostics
- Reduce downtime
- Automate workflow orchestration with intelligent recommender systems

By enabling real-time data insights at hand, the solutions significantly improve shop floor efficiency, eliminate waste and maintain quality - enabling manufacturers to transform operations with intelligence, speed, and resilience



Telecom

Modernizing telecom data foundations with Snowflake and Cognizant Ignition™ enables

- scalable, cloud-native architectures
- Real-time analytics
- Seamless integrations

Empowering rapid insight generation and operational agility



Case studies: proven business outcomes

Client engagements demonstrate measurable results



Media conglomerate: moved from Teradata to Snowflake

80%
migration
automated

18,000
person-hours
saved

\$735k
cost
reduction

Near-zero
disruption
during production cutovers



Global healthcare provider: migrated significant historical data from siloed legacy platforms to Snowflake

500PB
of data
migrated

40%
effort savings
through automation

100%
compliance with complex
multi-country regulations



American financial services giant: modernized its data foundation

1.8PB
of data migrated across
6 environments

Robust
analytics
enablement

Seamless operations
under high-volume
workloads



Leading retail and pharmaceutical company: transformed reporting and operational practices at scale

80%
faster insight
generation

AI-powered
automated patient
journey mapping

Interactive
dashboarding for rapid
field service planning

Scaling for the future

From implementation to ongoing platform maturity



Sustaining value from modern data platforms requires ongoing investment in skills, delivery assets, and operational practices. Cognizant's Snowflake business group is structured to support long-term capability development, ensuring that platform adoption evolves in line with changing enterprise needs rather than remaining a one-time modernization effort.

Cognizant's Snowflake Business Group is dedicated to building stronger partnership with right investments to scale expertise and grow a vibrant, global community of certified practitioners and innovation partners.

- **Leading ongoing advancement**—product innovation by co-working with Snowflake product team, delivery excellence and reusable accelerators
- **Continuous investment in skills and certifications**—hackathons, knowledge sharing and innovation programs
- **Developing Snowflake ecosystem**—fostering alliances with hyperscalers and ISVs to support comprehensive platform engineering and enablement, positioning Cognizant as the #1 GSI for Snowflake globally

This demonstrates Cognizant's ability to deliver scalable, visible impact for enterprises worldwide.



Cognizant and Snowflake: delivering distinctive value

Putting enterprises on the leading edge of data & AI transformation

Together, Cognizant and Snowflake enable enterprises to establish secure, scalable, AI-ready data foundations for sustained data transformation, this partnership provides the architectural clarity, operational rigor, and execution maturity required to move forward with confidence. Key benefits include:

- A centralized, secure platform accessible in real-time
- Accelerated insight delivery for intelligent decision-making and execution
- Robust cost optimization and governance
- Proprietary tools ensure minimal manual effort, maximized automation and an open ecosystem ready for AI-enhanced growth

Whether rehosting, replatforming or re-engineering, Cognizant takes responsibility for ensuring every engagement drives operational efficiency and measurable business value, solidifying its role as the preferred transformation partner for enterprises ready to unlock opportunity on the Snowflake AI data cloud.

Conclusion

Advancing the next phase of enterprise data, AI and agent transformation

Enterprise data and AI strategies are entering a phase defined by scale, governance and sustained execution. As data becomes more central to enterprise decision-making, the effectiveness of the underlying platform increasingly shapes business performance and resilience.

The way forward requires a long-term perspective—recognizing data and AI platforms must sustain and evolve with business priorities. Enterprises that embed data and AI capability into their operating models, supported by ongoing investment and execution discipline, will be better equipped to navigate uncertainty and capitalize on emerging opportunities.

Cognizant and Snowflake partnership is completely focused on modernizing enterprise data and AI environments, including architectural alignment, governance consistency, and industry-specific requirements. With scalable analytics, operational AI, and effective governance, enterprises are well-positioned for sustained competitiveness in a data-led future ahead.

Contact us: snowflakebusinessgroup@cognizant.com

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Cognizant (Nasdaq-100: CTSH) engineers modern businesses. We help our clients modernize technology, reimagine processes and transform experiences so they can stay ahead in our fast-changing world. Together, we're improving everyday life. See how at www.cognizant.com or @Cognizant.

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