

# Turn data silos into intelligent action with agentic AI

Public sector agencies face a choice: continue letting data silos prevent timely decisions and trap staff in manual workflows, or consolidate systems to deliver faster, more efficient citizen services. The impact of choosing integration is measurable:

- *Data collection drops from days to hours*
- *Critical processes accelerate by up to 50%*
- *Staff shifts from repetitive tasks to high-value citizen services*
- *Constrained budgets no longer hinder performance*

This is where Snowflake comes in. Snowflake's AI Data Cloud, built on [Amazon Web Services](#) (AWS), consolidates decentralized data. [Cortex AI](#) provides fully managed artificial intelligence (AI) services, including agentic AI, that work directly where your data lives. With industry-leading models from OpenAI, Anthropic, Meta, Mistral AI, and [Amazon Bedrock](#), Cortex AI delivers secure, comprehensive functionality within your data environment.

The result: teams query their entire data landscape instantly for faster citizen response and data-driven solutions. Organizations deploy pre-built capabilities immediately, reducing timelines from months to weeks while maximizing taxpayer value—plus so much more.

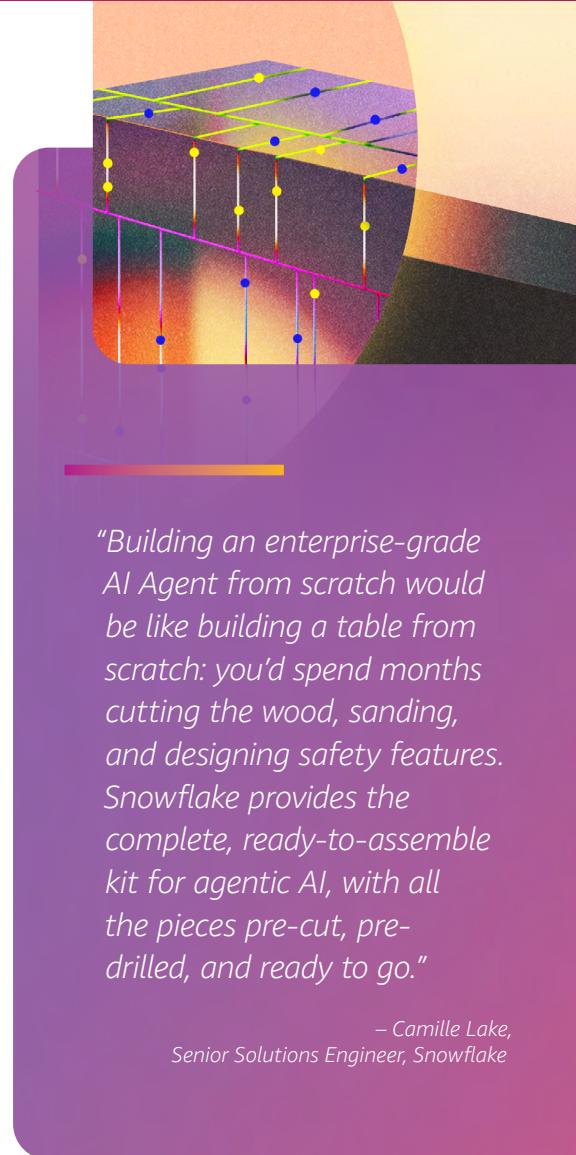


# How Snowflake helps government agencies



## Fragmented data turns into instant answers

When data sits scattered across disconnected systems, simple questions take days to answer. Snowflake's AI Data Cloud breaks down silos, creating a single source of truth. Cortex Agents instantly query this unified data for faster decisions and improved citizen services, enabling agency teams to focus on outcomes rather than chasing information.



## Agents work where data lives

Moving sensitive data creates security risks and compliance headaches. Many AI tools require data extraction or complex integrations, adding cost, delay, and exposure. Cortex AI operates directly within your data environment. Ask about policy documents and operational metrics in the same conversation, get immediate answers from structured and unstructured data, and build complex AI processes with data like Protected Health Information (PHI)—all within your secure boundary.



## Agents coordinate across complex workflows

Processing grant applications involves multiple steps: one person extracts information, another checks eligibility, and a third manages routing and approvals. Cortex Agents can streamline these challenges. For example, one agent extracts application data, another validates against criteria, and a third handles routing or flags items for review. This allows your team to focus on complex decisions, strategic planning, and constituent services requiring human judgment.



## Built for compliance and security

Public sector agencies handle classified and sensitive data, demanding strict access controls. Snowflake's role-based access control ensures agents respect the same permissions as human users—accessing only what each person is authorized to see. Your data remains within your environment, never trained on external models. Deploy AI confidently while maintaining compliance standards your mission requires, from traditional data protection to emerging AI governance standards like ISO 42001.

# Four steps to successful agentic AI deployment

1

**Start with high-value use cases.** Don't start with the technology. Start with the challenge. Where do teams spend hours gathering information before making decisions? Look for text-intensive bottlenecks: contract reviews where staff verify terms across multiple databases, RFP evaluation slowed by document analysis, or eligibility verification requiring scattered record checks. These bottlenecks drain capacity and delay services—and they're where agentic AI delivers the fastest, most measurable value.

2

**Build your data foundation.** Before rushing to deploy agents, understand your data: Where does authoritative information reside? What's classified and who can access it? How current is it? Consolidate sources into a unified foundation that respects existing governance. Poor data yields poor results. Quality input yields powerful systems.

3

**Establish clear evaluation frameworks.** Test agent outputs, continuously monitor performance, and establish strong oversight. Large language models (LLMs) can produce unexpected results, so rigorous governance is vital. Define performance benchmarks, set quality thresholds, and implement formal testing procedures from the start. This can ensure a reliable transition from pilot to production.

4

**Expect organizational change.** Agentic AI changes how people work. Staff shift from manual data gathering to strategic analysis, processes accelerate from days to hours, and teams move from reactive firefighting to proactive planning. For public agencies, where regulations and budgets make organizational change difficult, technology investments create opportunities to modernize. Communicate early, identify champions, and establish feedback channels.



## Alberta Health Services automates clinical documentation with Cortex AI

With nearly 2 million emergency department visits annually, Alberta Health Services needed a better documentation solution. They deployed an app using Cortex AI to record patient visits and generate clinical summaries. Doctors now see 10-15% more patients per hour, spend more time with patients, and produce higher-quality notes.

*"This isn't about replacing people—it's about partnership. AI agents handle the repetitive, error-prone tasks that drain your team's time, while your people focus on judgment calls, nuanced decisions, and work that genuinely needs human insight. It's like giving everyone a personal assistant."*

— Camille Lake,  
Senior Solutions Engineer, Snowflake



## How AWS powers Snowflake



### Secure cloud infrastructure for sensitive data

Snowflake runs on AWS to provide the performance and security required for regulated public sector environments.



### Flexible AI through Amazon Bedrock

Snowflake integrates with Amazon Bedrock, giving agencies access to multiple LLMs to balance performance, cost, and mission needs.



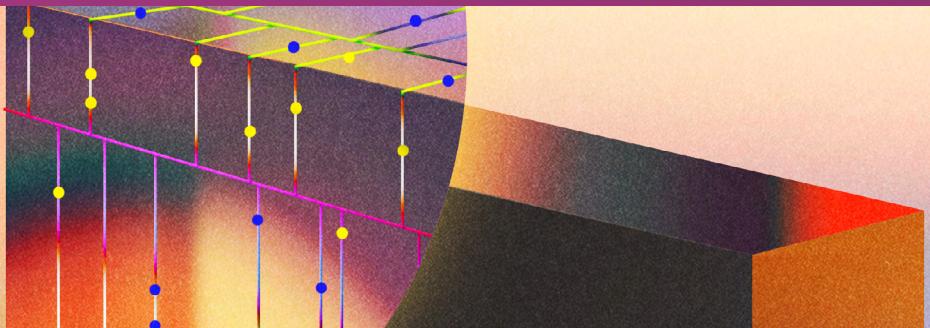
### Seamless integration with Amazon S3

Data stored in Amazon Simple Storage Service (Amazon S3) integrates directly with Snowflake without duplication.



### Application-layer connectivity

Snowflake connects with Amazon SageMaker while keeping data operations secure.



With 10+ years supporting Fortune 500 companies and public sector agencies, Snowflake delivers production-ready AI for mission-critical operations. Explore how Snowflake helps public sector organizations consolidate data and deploy agentic AI built on AWS. →