

Snowflake AI Cortex in action: Building Semantics

SESSION 06 · 13:30 – 14:00

Snowflake keynote



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SNOWFLAKE AI DATA CLOUD



EASY



CONNECTED



TRUSTED



Faster Time to Market



AI DATA CLOUD

Unified Platform and Connected Ecosystem



Data
Engineering



Analytics



Transactions



AI



Applications &
Collaboration

Fully Managed | Cross-Cloud | Interoperable | Secure | Governed



Why enterprise leaders choose Snowflake



EASY

Built for speed, simplicity, and cost transparency and control



CONNECTED

Open, connected and interoperable by design



TRUSTED

Enterprise-ready, governed and reliable

ALTERNATIVES



SLOWER & HIDDEN COSTS

Slower to deliver and expensive to operate



NOT OPEN WHERE IT MATTERS

Limited interoperability and collaboration

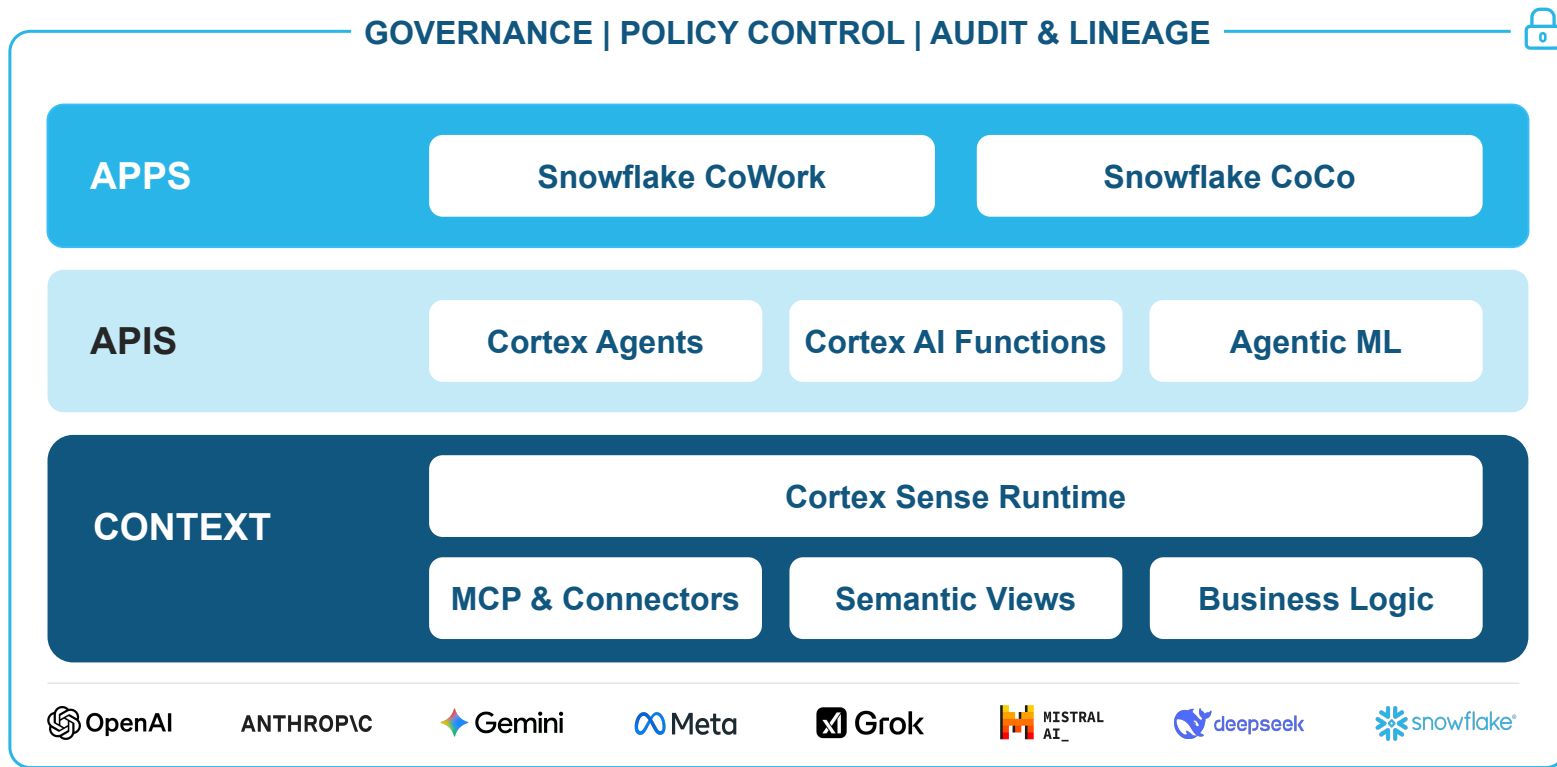


MISSING CRITICAL CAPABILITIES

Unreliable for mission-critical work



Snowflake Cortex AI Architecture



For Data Teams, the Current Tools Fall Short

GENERAL AGENT

-  Built mainly for coding tasks
-  Context is often limited to the code repo
-  Complex RBAC and governance implementation

DATA TEAM NEEDS

-  Expert workflows for pipelines, transformations or data agents
-  Context of Snowflake and other data systems
-  Built-in Governance



Snowflake CoCo: The AI Coding Agent for Data

Move from 'I have an idea' to 'it's deployed' fast



Accelerates End-to-End Development

Turn data engineering, machine learning, and agent building tasks into simple conversations



Understands Your Enterprise Data Context

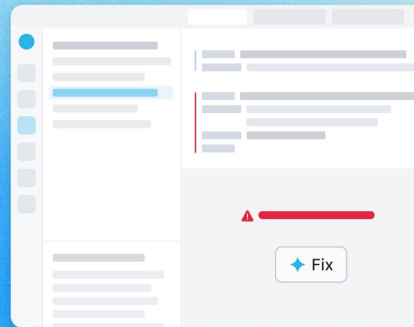
Deeply aware of enterprise data, compute, governance, and operational semantics across the stack



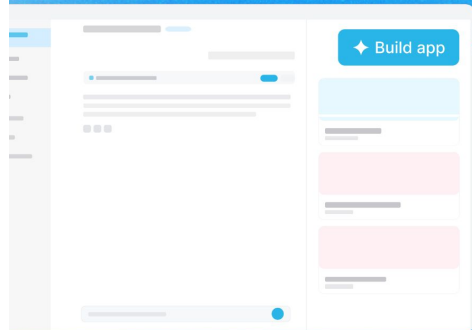
A Governed Agent That Works Wherever You Build

Governed by Snowflake's RBAC and available across Snowsight, your IDE, terminal, and the tools and workflows you already use

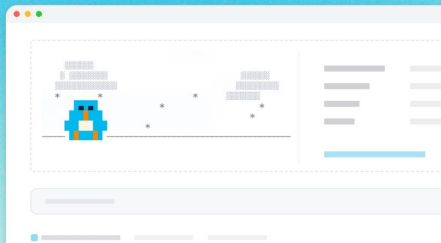
Snowsight



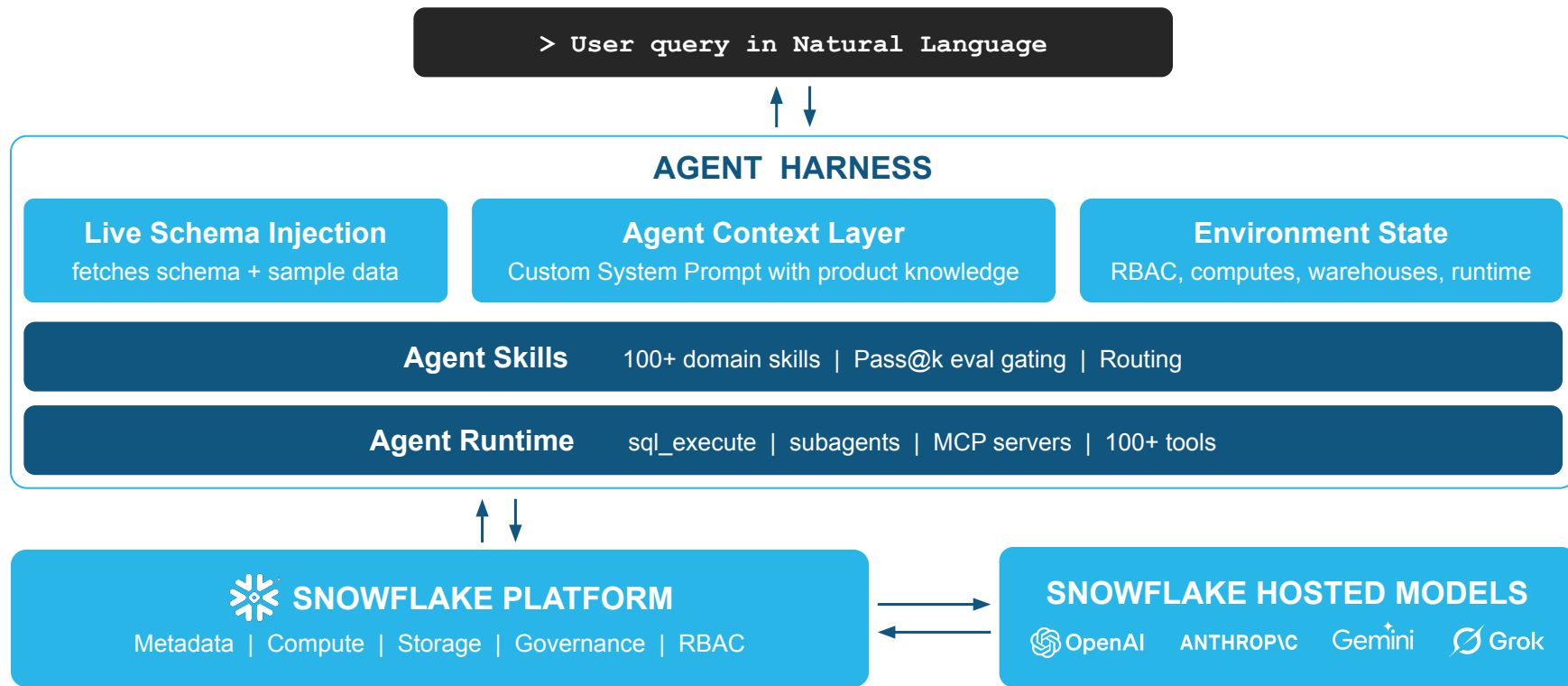
Desktop



CLI



The Data-Native Agent Harness



CoCo: The State of the Art for Data Engineering

CoCo outperformed leading coding agents on ADE Bench, and pulled even further ahead on real Snowflake dbt project tasks

WHY COCO IS MORE EFFICIENT

TOKEN USED



51%

vs Claude Code using Opus 4.7

DURATION

~ 1H Less

vs Claude Code using Opus 4.7

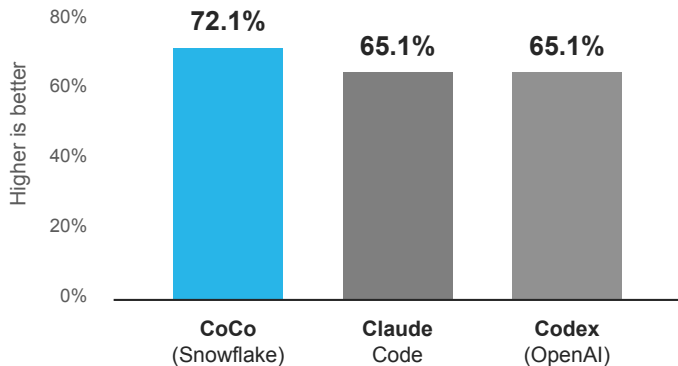
TARGETED VS. EXHAUSTED

CoCo performs targeted exploration rather than exhaustive scanning, significantly reducing IO operations

DATA-NATIVE APPROACH

Utilizes data native tools for Snowflake, dbt, Airflow and more, avoiding heavy reliance on bash tools

Pass Rates on ADE Bench



Trusted By 7100+ Customers

Customers across industries significantly reduced time to build on data

7,100+
Customers

In 5 months since GA (Feb '25)



WHOOPE



dentsu



textnow

FYUL



Using CoCo, our data engineers are submitting 5x more pull requests, and work that used to take three to four days is now done in two to three hours.

Thomas Podenski

Chief Operating Officer, TS Imagine



Engineers who used to spend days untangling pipeline issues and modeling data can now resolve those problems in hours.

Maddy Want

VP of Data, Fanatics



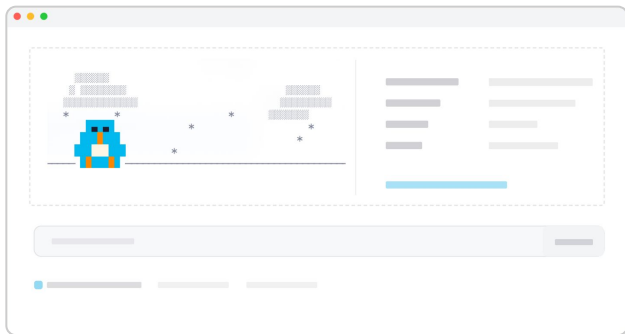
We saw the ROI almost immediately. CoCo delivered over 500 hours of time savings — roughly \$100,000 in value — within the first 20 days of adoption.

Trent Foley

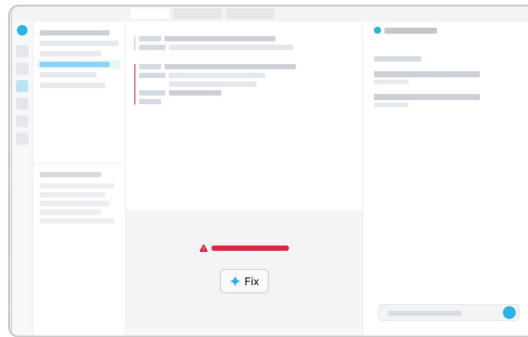
Chief Technology Officer, evolv Consulting



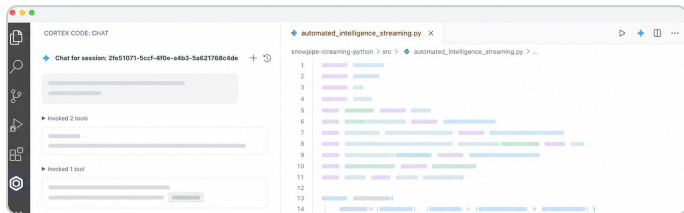
Where You Can Use Coco Today...



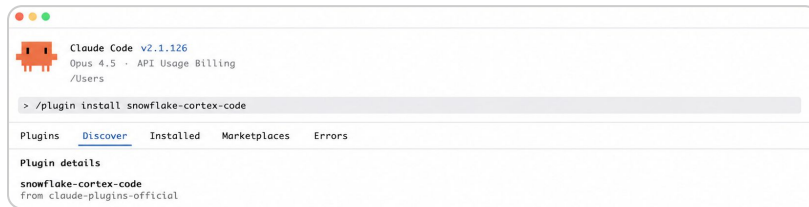
 **CoCo CLI**



 **CoCo in
Snowsight**



 **CoCo Extension for VS Code**



 **CoCo Plugin for Claude Code**



Snowflake CoWork: What's New

1

Personal Agent

- Knows all enterprise data
- Routes automatically
- Remembers and learns
- Follows you to mobile and existing tools

2

Autonomous Agents

- Proactive checks
- Auto-learns business context
- Produces finished deliverables
- Deep, analytical research

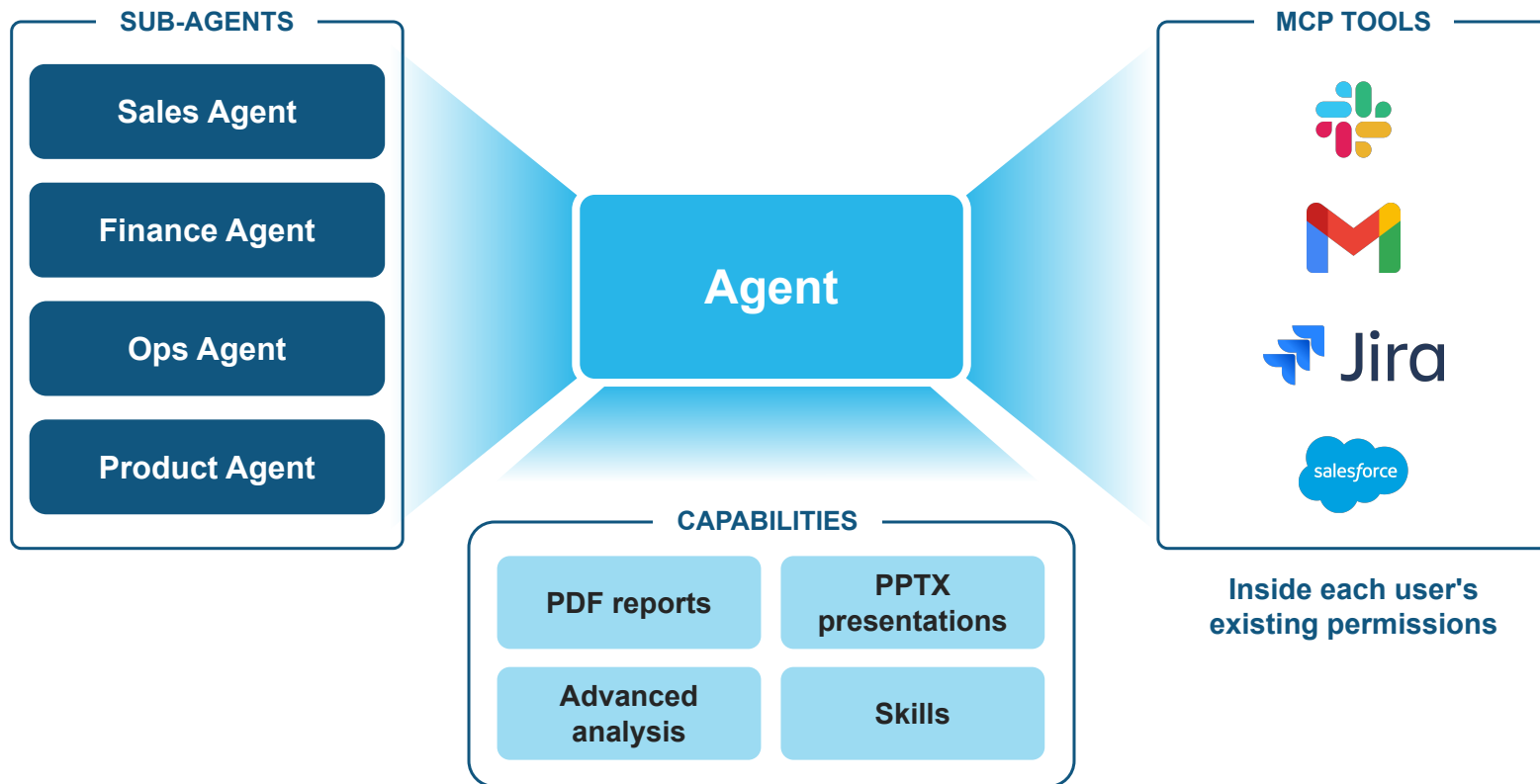
3

Dashboards & Collaboration

- Governed dashboards
- Live, sharable artifacts
- Conversation sharing
- Team knowledge building



One Agent. Every Question. Right Tools.



Memory, Skills, and Prebuilt Plugins

User Memory

CoWork remembers your preferences, your role, and your recurring tasks, across sessions

PuPr SOON

User Skills

Codify repeatable workflows as a one-line skill, like "pull my pipeline recap", in plain language

PuPr SOON

PLUGINS, Finance & Sales

Prebuilt bundles of skills, business logic, and connectors so your teams aren't starting from zero

PrPr SOON

**Skills are discoverable and shareable across the org.
Every user gets an experience that feels custom-built for their role**



DEMO TIME

Building Semantics with Cortex AI



Thank You! Questions?

LinkedIn:



Teiko Wilenius

Solution Engineer, Snowflake

