



Building the Future of Agentic AI

A Recap of the Snowflake x SVAI Hub Meetup | July 2025, Menlo Park



Hosted by Snowflake, in collaboration with Silicon Valley AI Hub (SVAI)



[Meetup Link](#)



Event Overview

Last week, I had the opportunity to attend the Snowflake x SVAI AI meetup — an evening packed with forward-looking ideas on agentic AI systems, real-world implementation challenges, and next-gen frameworks built by Snowflake, Meta, Glean, and CrewAI.

The event kicked off with a panel discussion and transitioned into lightning talks and demos, covering a variety of tools including:

- Meta's LLaMA Cookbook
 - Snowflake Cortex Knowledge Extensions
 - CrewAI's event-based orchestration
 - Glean's enterprise-grade AI assistant
 - TruLens for AI observability
-



Panel Discussion: Building Agentic AI Systems

The evening began with a lively panel moderated by a Snowflake engineer, joined by leaders from Meta, CrewAI, and another contributor from the AI infra space (check the [meetup page](#) for full speaker lineup).



Topics discussed included:

- What defines an agentic AI system
- Real-world challenges with coordination and memory
- Trade-offs between automation vs. precision
- The importance of observability and eval loops

This set the tone for a hands-on evening of learning.

Cortex Agents by Meta + Snowflake

Meta and Snowflake showcased how to integrate LLMs directly into enterprise data systems using Cortex Agents — combining structured SQL-based reasoning with unstructured data via RAG.

Highlights:

- text2sql powered by Meta's LLaMA models ([LLaMA Cookbook GitHub](#))
- Knowledge Extensions using Snowflake's [Cortex CKE](#)
- Finetuning and inferencing LLMs inside SQL via:

```
SELECT SNOWFLAKE.CORTEX.FINETUNE(...)
SELECT SNOWFLAKE.CORTEX.COMPLETE(...)
```

 Key takeaway: You can fine-tune, run evals, and deploy agents all within Snowflake.

CrewAI: Combining Precision and Agency

The CrewAI team introduced a compelling architecture using two models:

Mode

Description

Crew

Autonomous agents w/ tools + LLMs

Flows

Event-based agent orchestration

Their presentation focused on balancing agency vs. precision, especially in multi-agent setups. They also shared diagrams on memory handling, task coordination, and fallback mechanisms.

 Explore more: insights.crewai.com

Glean: Enterprise AI for Search, Reasoning & Collaboration

Glean shared how their platform empowers teams by enabling semantic search across knowledge silos — integrating Slack, Jira, Notion, Google Drive, Confluence, and more.

 Capabilities:

- Glean Agents: answer questions with reasoning
- Glean Assistant: NLP-based UI
- Glean APIs: integrate custom workflows

Real-world use case: a software engineer trying to synthesize data across 6+ tools can now get instant, accurate answers.

 Try it: glean.com/get-a-demo

TruLens + Eval-Guided Orchestration

A powerful piece of the stack: TruLens, enabling evaluation, tracing, and debugging for AI pipelines. Their Snowflake-compatible integration helps track which agents are making what decisions — and why.

 GitHub: [truera/trulens](https://github.com/truera/trulens)

Install it with:

```
pip install trulens
```



Supports:

- Eval-guided workflows
- Agentic traceability
- Inline feedback loops for LLMs



What's Next After Building Agentic AI?

In the closing session, Meta addressed this crucial question:

“You’ve built an Agentic AI system... what’s next?”

Here’s what they suggested:

Goal	Solution
Lower cost / latency	✓ Model selection (LLaMA, Claude, DeepSeek)
Adapt to domain	✓ Finetune with domain-specific prompts
Minimize error	✓ Eval-guided tuning
Retain context	✓ Use RAG + memory extensions



Key Lessons

Here's what stood out from the night:

- Agentic AI is not just a buzzword — it's a composable, orchestrated, and evaluable system.
- Snowflake is becoming an LLM platform, not just a data warehouse.
- Glean and CrewAI are solving real enterprise bottlenecks, from search to agent workflows.
- TruLens and evals are essential for monitoring and debugging agent behavior.



Resources to Explore

Tool / Link	Purpose
LLaMA Cookbook	Finetuning + examples
Snowflake Cortex CKE	Enterprise AI agent knowledge
Glean Demo	Try AI search for your team
TruLens	Trace + eval agents