



Beyond the Chatbot

Navigating the Next AI Frontiers

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AI Strategist

Who regularly uses AI chatbots (ChatGPT, Gemini, Claude, Microsoft Copilot) for work?



Who has agentic AI automation that actually take action and do work for you (such as what you make in Claude Cowork, Copilot Cowork, ChatGPT Workspace Agents, Google Workspace Studio)?



Do you have custom-built solutions for AI use cases in your workplace (such as chatbots, agents, predictive analytics)?



PROMPTING as an assistant

**ChatGPT
Launches**
Late 2022



2023

**Start of
reasoning**
Early-to-mid
2023



2025

Today
Mid-2026



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**“The year
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The Next & Continuing Frontiers of AI

01 Agentic AI

02 Multimodal AI

03 Spatial AI

Agentic AI



2025 was the year of Agents! Right?

Nvidia CEO Says 2025 Is the Year of AI Agents

By Tae Kim

Jan 07, 2025, 5:40 pm EST



Share



Aa

Resize



Nvidia CEO Jensen Huang is optimistic that AI agents will become the next big thing for artificial intelligence.

Jensen Huang, chief executive officer of Nvidia, speaks during the CES trade show in Las Vegas on Monday. (BRIDGET BENNETT/BLOOMBERG)

<https://www.barrons.com/articles/nvidia-stock-ceo-ai-agents-8c20ddfb>

The Reality of Agentic AI Right Now



2 in 3 companies are stuck in experimentation or pilots



1 in 4 mid-market companies are in the process of scaling

<https://www.mckinsey.com/capabilities/quantumblack/our-insights/the-state-of-ai>

The Reality of Agentic AI Right Now



“”

It's the decade of agents, not the year of agents.

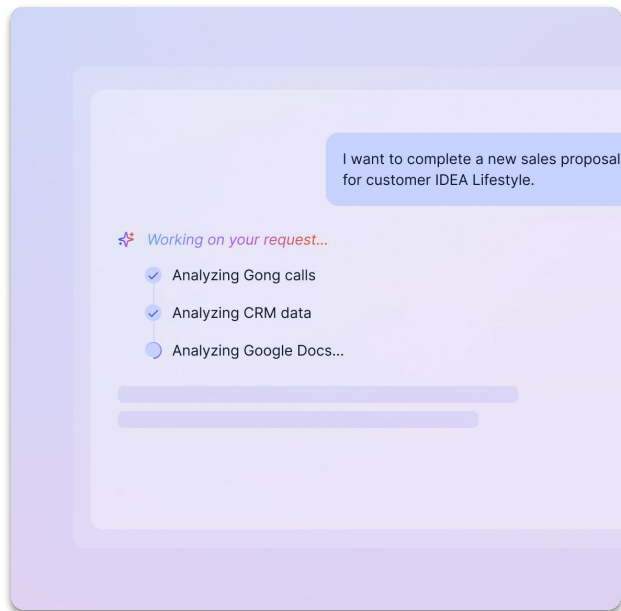
Agents don't have enough intelligence.

The demo is easy, but the product is very hard.

Andrej Karpathy

<https://www.youtube.com/watch?v=IXUZvyajciY>

Back to Basics on Agentic



All companies				
Company name	Tier	Top signals		Agent research
 Newton Public...	Tier 1	Research	Email click	Researching...
 Greenridge Develo...	Tier 1	Email click	Research +3	Researching...
 BrightSteps Learning	Tier 3	Email click	Research +3	Researching...
 Seaside Communit...	Tier 1	Visitor intent	Product launch	Researching...
 Northfield Element...	Tier 1	Email open	Funding	Researching...

Performing actions, tapping into multiple tools, updating systems

Tell me the delta between our estimated and actual revenue for Q1, and why they are different?

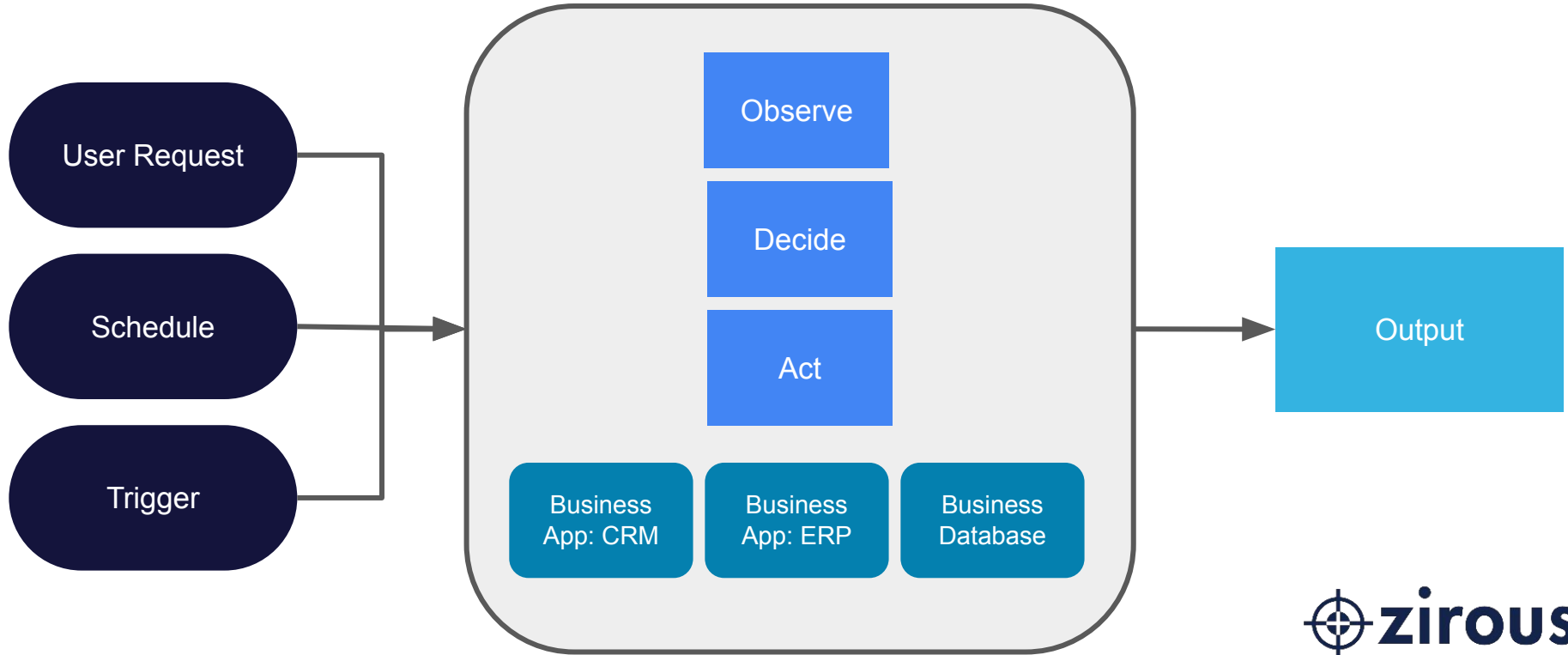
Defined Action

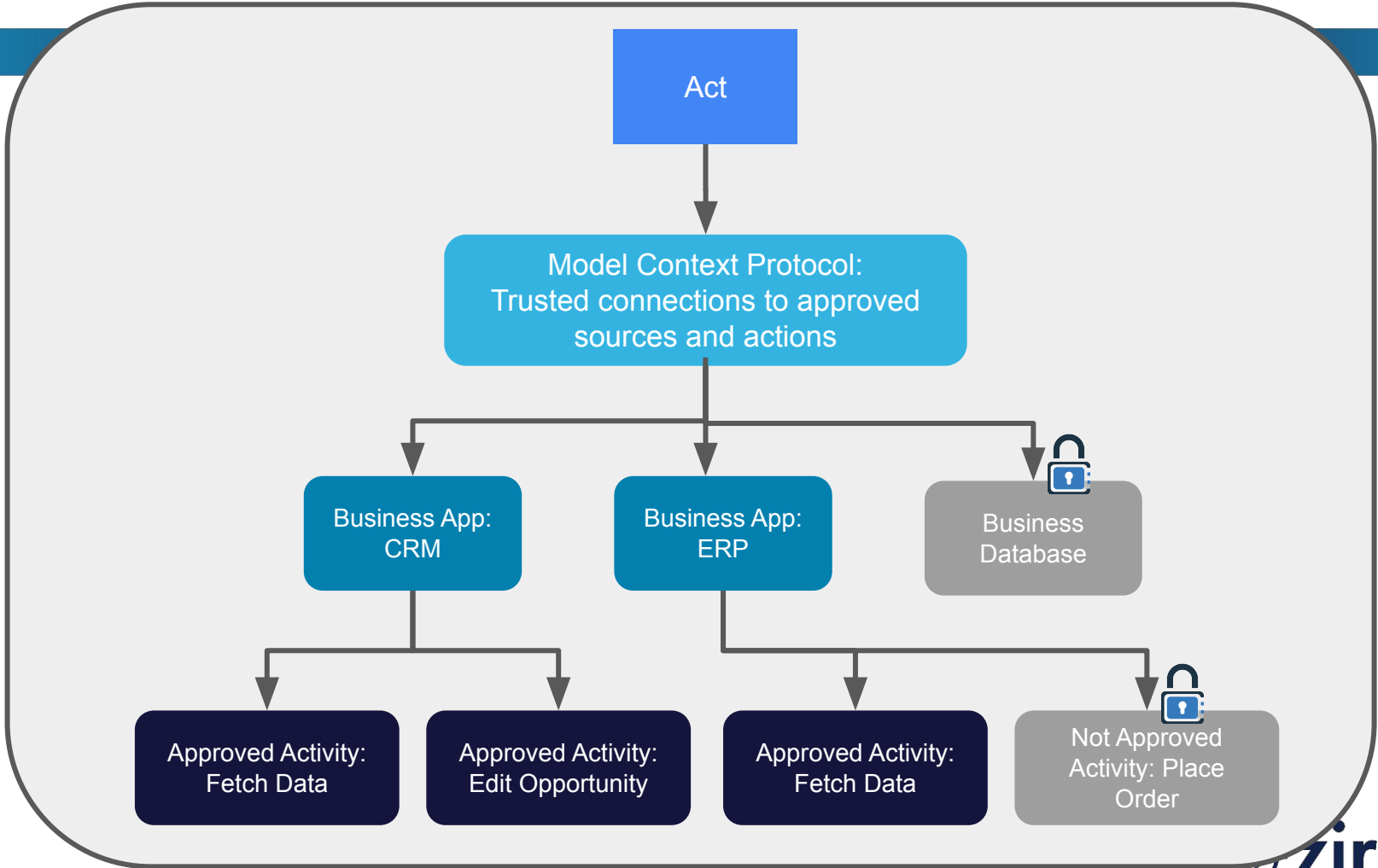
“The delta is \$500K. I cannot find a reason why this is so, would you like me to provide some standard examples of why these deltas occur?”

Agentic

“The delta is \$500K because 12 shipments were delayed in the Los Angeles Port.”

Agentic: Pursuing Goals





MCP Considerations



Security

Compliance isn't built into MCP. It depends on how you implement.



Allowed Actions

You're limited by the allowed actions in the MCP server, or you need to build your own.



Governance

Who runs, approves, scopes, monitors, and adjusts the servers.

Key Takeaways:

- ✓ Agents take action, solve problems, and connect into your systems.

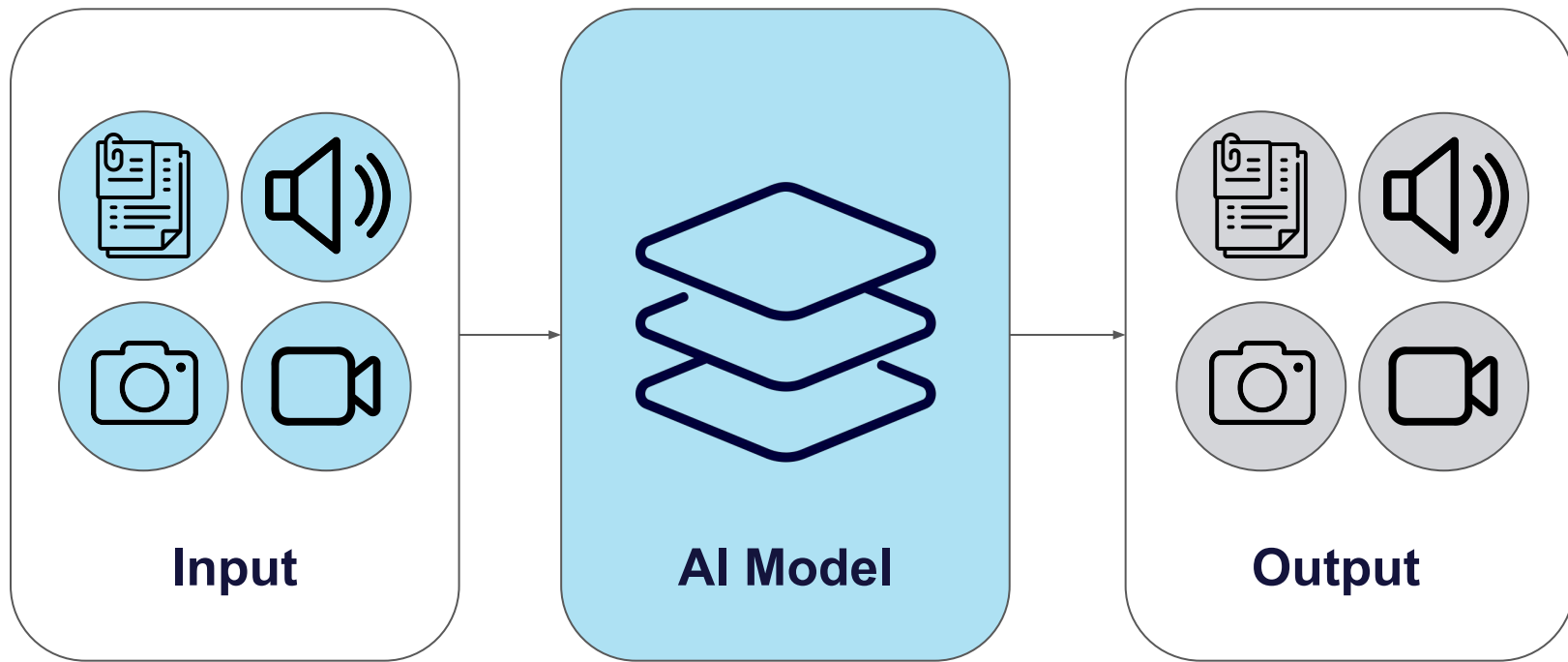
- ✓ Custom-build agents, or use agents built in your enterprise tools.

- ✓ MCP provides access into your systems, but consider governance.

Multimodal AI



Multimodal: Take Advantage of All Data Types





**Image AI generated*

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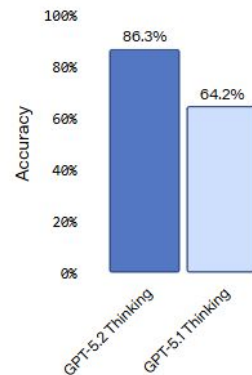
2025 Advancements in Foundational Models

Extract detailed insights from video ↗

Gemini models offer powerful capabilities for understanding video content by processing information from both the **audio and visual** streams. This lets you extract a rich set of details, including generating descriptions of what is happening in a video and answering questions about its content.

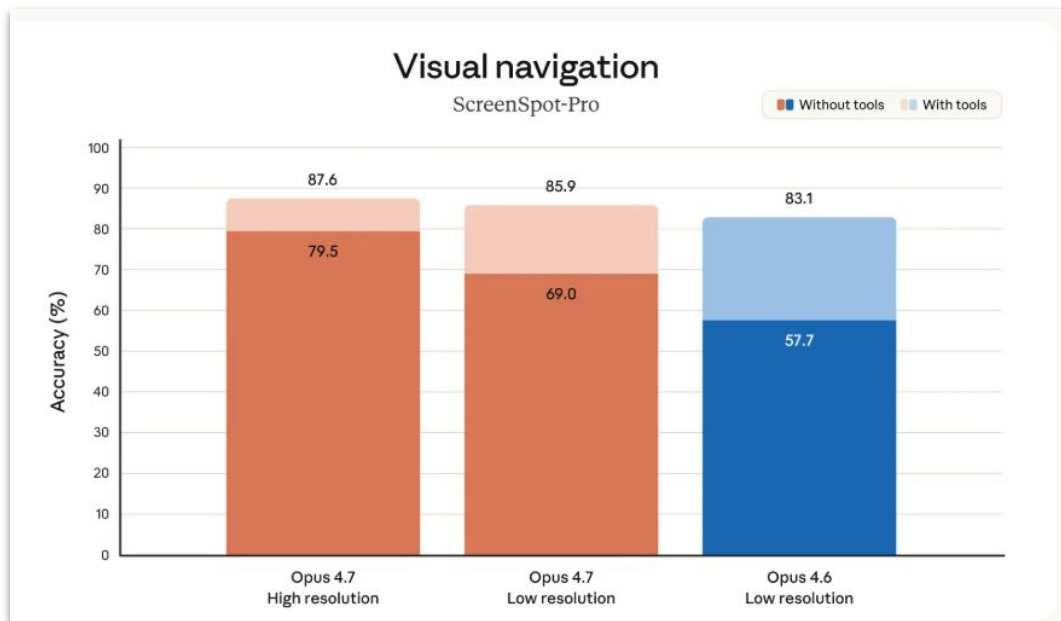
Visual reasoning MMMU (validation)	80.7%
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ScreenSpot-Pro GUI screenshot understanding



2026 Advancements in Foundational Models

Eval	GPT-5.4	GPT-5.2
OSWorld-Verified	75.0%	47.3%
MMMU Pro (no tools)	81.2%	79.5%
MMMU Pro (with tools)	82.1%	80.4%



Is 2026 the year of multimodal?

12-26-2025 | IMPACT COUNCIL

Why 2026 belongs to multimodal AI

The text-based era of interacting with AI is over.

SHARE ↗

ADD ON GOOGLE



[Photo: Getty Images]

BY KARANDEEP ANAND

Three key predictions for the future of GenAI technologies

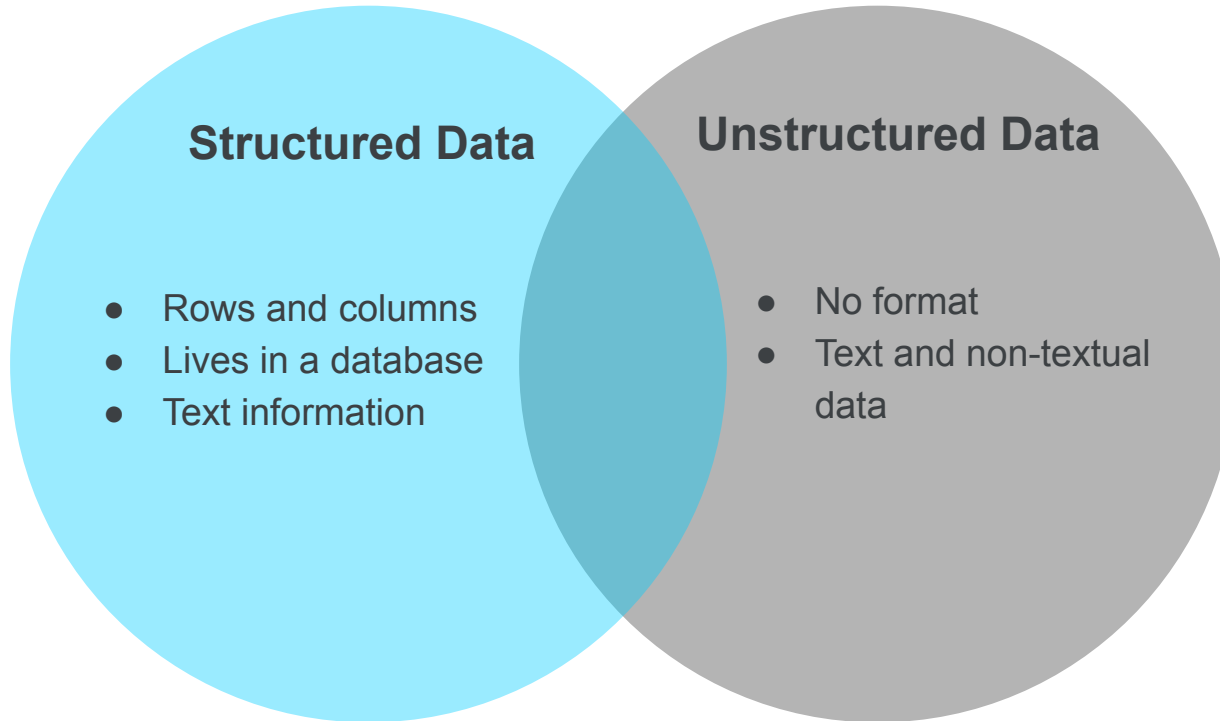
Looking at all four layers of the generative **AI technology stack** — infrastructure, models, AI engineering tools and applications — Gartner offers the following predictions.

GenAI prediction No. 3: Multimodal GenAI will transform most enterprise applications

Multimodal GenAI boosts GenAI usability by allowing models to interact with and generate

Multimodal AI will interpret the world like humans | Aaron Baughman, IBM Fellow and Master Inventor, IBM

Access Both Structured and Unstructured Data



What does that mean for organizations?

Precise, tailored, custom workflows

Deeply grounded in your business context within a wide variety of outputs.

Enhance & improve data analytics

Understanding unlabeled, unstructured data to improve front-end and back-end experiences.

Personalized interactions

Build personalized experiences and interactions for customers and users.

Key Takeaways:

- ✓ Multimodal goes both ways: takes in all types and outputs all types.

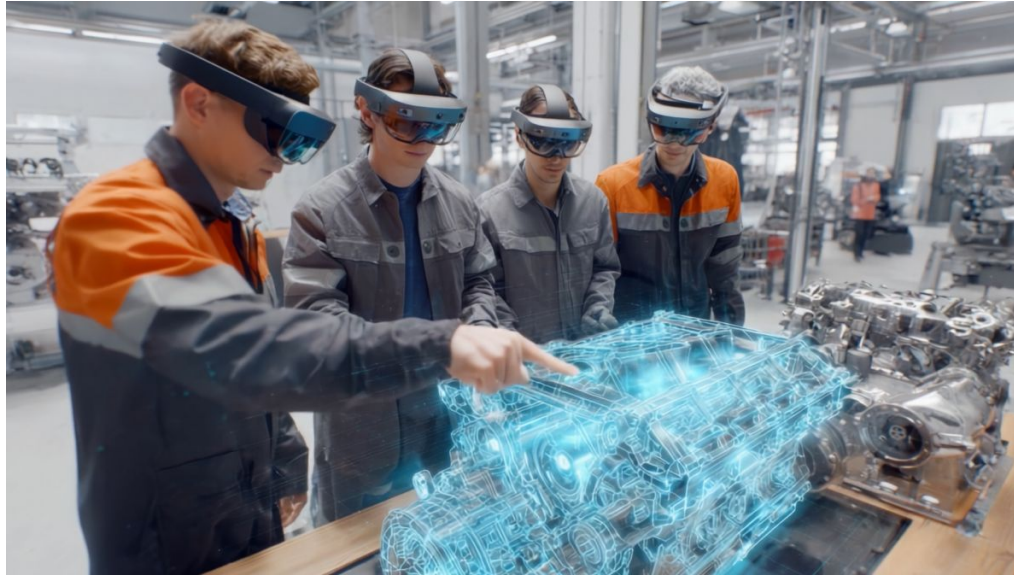
- ✓ We expect foundational models to keep getting better.

- ✓ Consider data access and governance policies.

Spatial AI



Spatial AI: Realistic Simulations

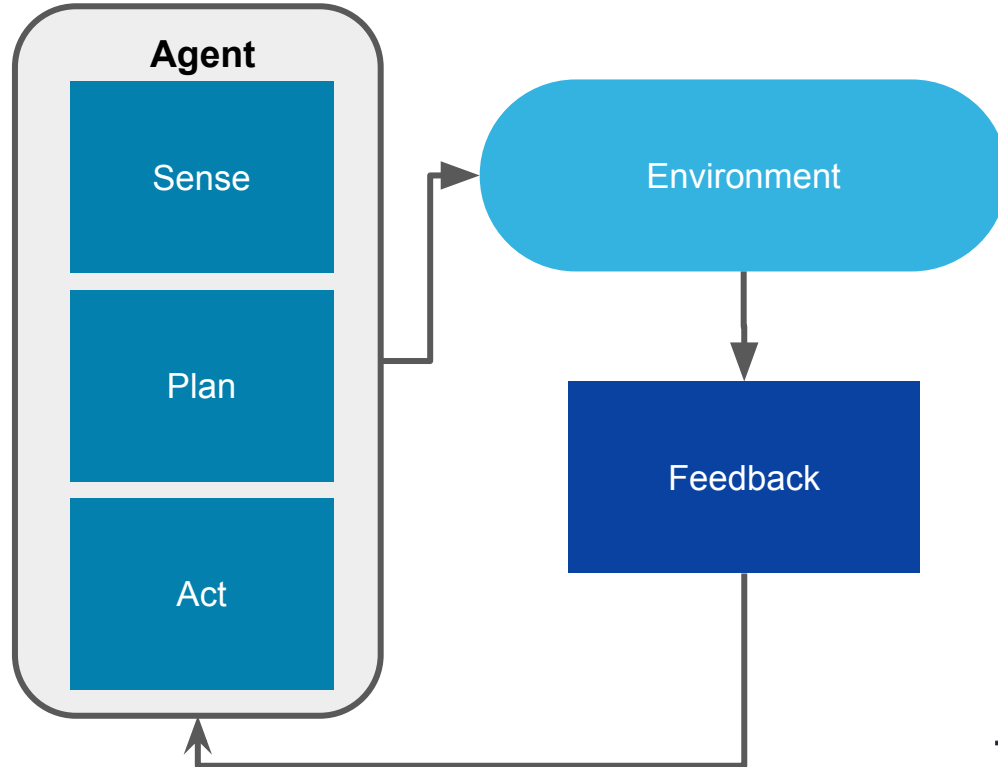


Streamline operations, improve training, optimize processes



**Image AI generated*

Spatial AI: Realistic, Safe Scenarios



World Models: Understanding physics and simulation

Multimodal inputs

Create detailed 3D worlds from text, images, videos, or 360 panoramas.



Create your own worlds

Project Genie is an experimental research prototype that lets you create and explore infinitely diverse worlds.

 [Try Project Genie](#)

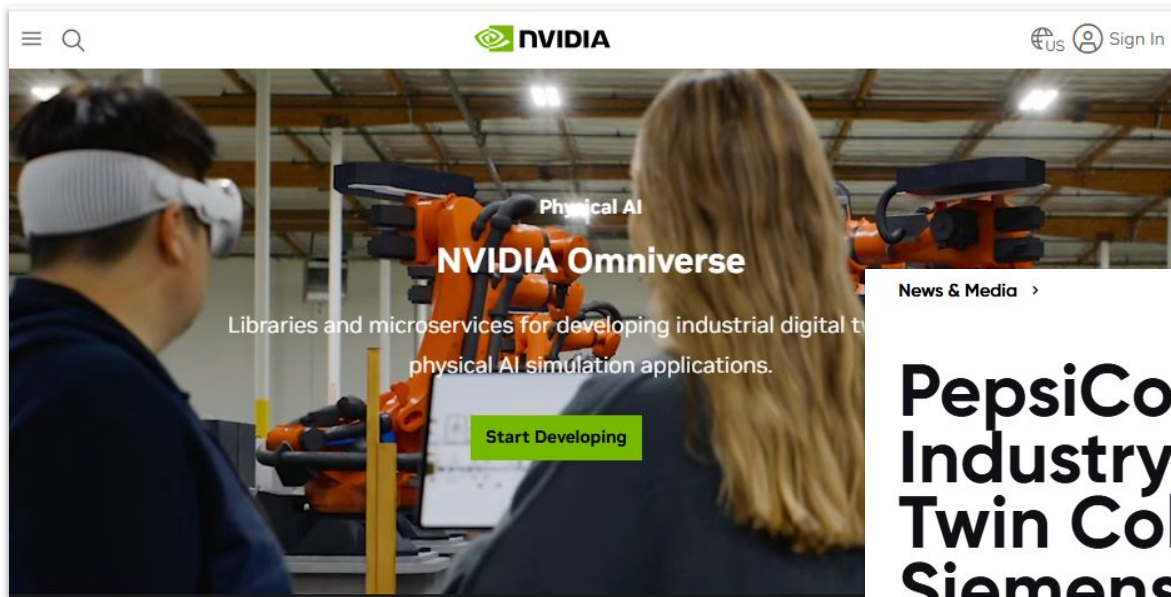
[Learn how to prompt](#)

Open Source

Introducing the V-JEPA 2 world model and new benchmarks for physical reasoning

June 11, 2025 • ⌚ 15 minute read

Enterprise-Grade Solutions



News & Media >

PepsiCo Announces Industry-First AI and Digital Twin Collaboration with Siemens and NVIDIA

Together, PepsiCo, Siemens, and NVIDIA will set a new standard for scalable, technically sound digital twin and AI in industrial operations.

January 6, 2026 • 5 min read

Key Takeaways:

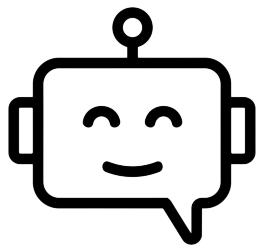
- ✓ Spatial AI is growing for enterprise digital twins and photo realistic environments.

- ✓ Greatest potential for safety, personalization, brand recognition

- ✓ Spatial AI for enterprise use cases currently requires extensive 3D coding knowledge.

Final Takeaways

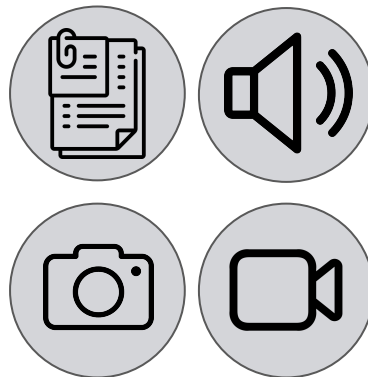




Chat & Creativity



Taking Action



All Business Data



Spatial Contexts

THANK YOU!

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zirous.com/ai-appetizers

