Google
Gemini 3
NanoBanana Pro

Microsoft
Microsoft 365 Agent SDK
Project Opal

TOP AI Agent
Updates — *Nov 14-23*

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GOOGLE LAUNCHES ITS NEW FRONTIER MODEL GEMINI 3

The release represents a significant leap forward in artificial intelligence, featuring state-of-the-art reasoning and multimodal capabilities.

The model excels at understanding nuance and context across various data types including text, images, and code. It includes an advanced "Deep Think" mode, which provides PhD-level reasoning for solving highly complex problems. The importance of Gemini 3 lies in its substantially improved reliability and its capacity to act as a more capable AI agent.

GOOGLE RELEASES ITS OWN AGENTIC CODING IDE ANTIGRAVITY

Google AntiGravity is an AI-first coding platform that allows developers to assign complex software development tasks to autonomous AI agents.
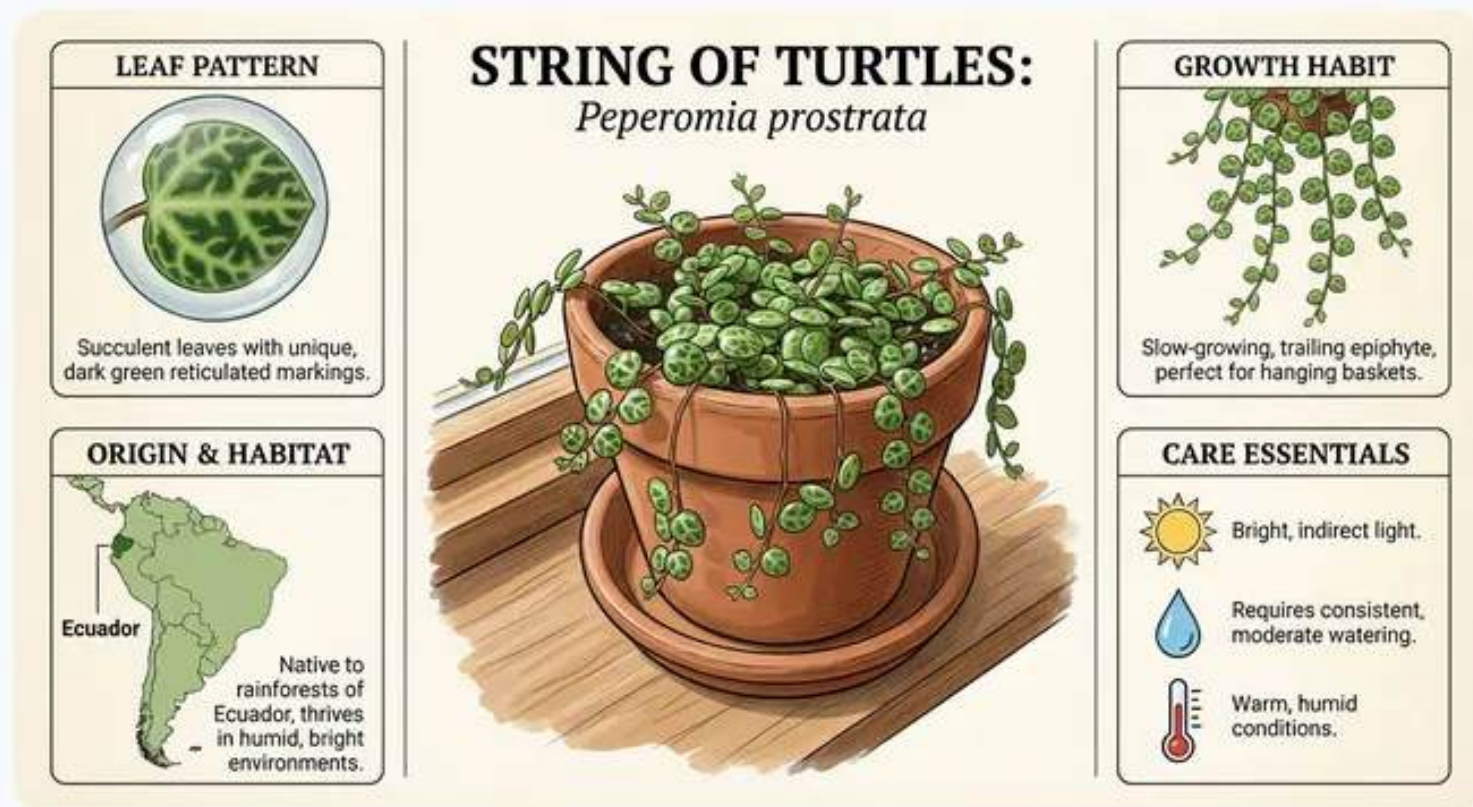
Powered by Google's Gemini 3, it functions as an integrated development environment (IDE) where agents can independently plan, write, and test code. The platform is designed to let multiple AI agents work in parallel on different aspects of a project, which developers can manage from a central interface.

Input image

Output image

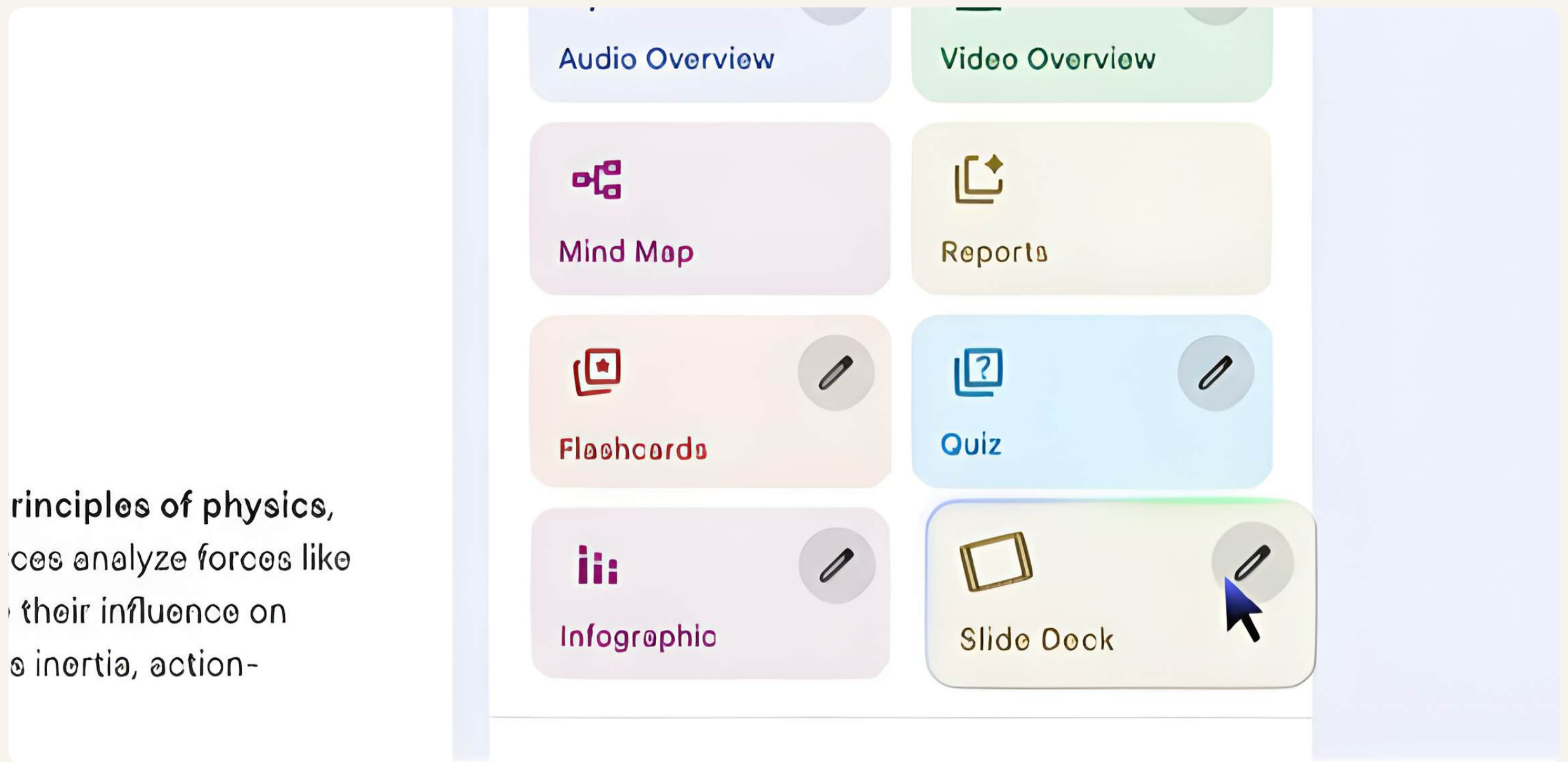# **GOOGLE** RELEASES ITS SUPERIOR IMAGE MODEL NANOBANANA PRO

Built on the Gemini 3 model, it provides professionals with enhanced control over visual creations, allowing for adjustments to camera angles, lighting, and focus to produce high-resolution 2K or 4K images.

The tool can even create visuals from real-time web information. This is significant because it streamlines the creation of high-quality, brand-specific marketing materials, infographics, and product prototypes. NanoBanana Pro enables users to quickly turn concepts into detailed visual representations
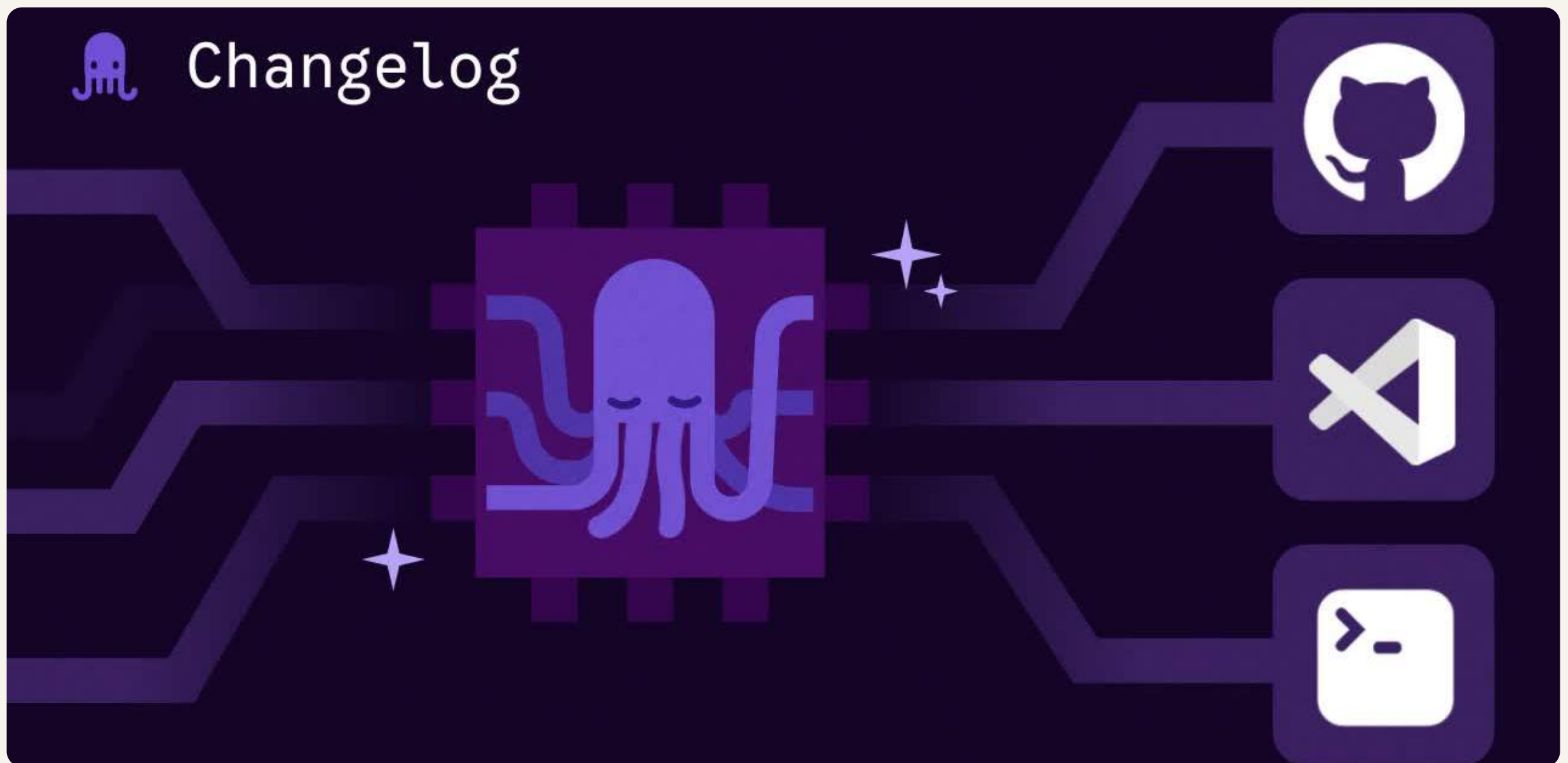
GOOGLE'S NOTEBOOK LM CAN GENERATE SLIDES AND INFOGRAPHCIS

Currently, for Pro users, the new update of NotebookLM automatically transforms your research sources, PDFs, docs, URLs, and videos into polished presentation slides in seconds. Choose between "Detailed Decks" (comprehensive, email-ready) or "Presenter Slides" (clean, visual talking points).

Generates visuals via the NanoBanana model. Unifies research, summarization, and output in one platform. Enables non-designers to produce professional decks.
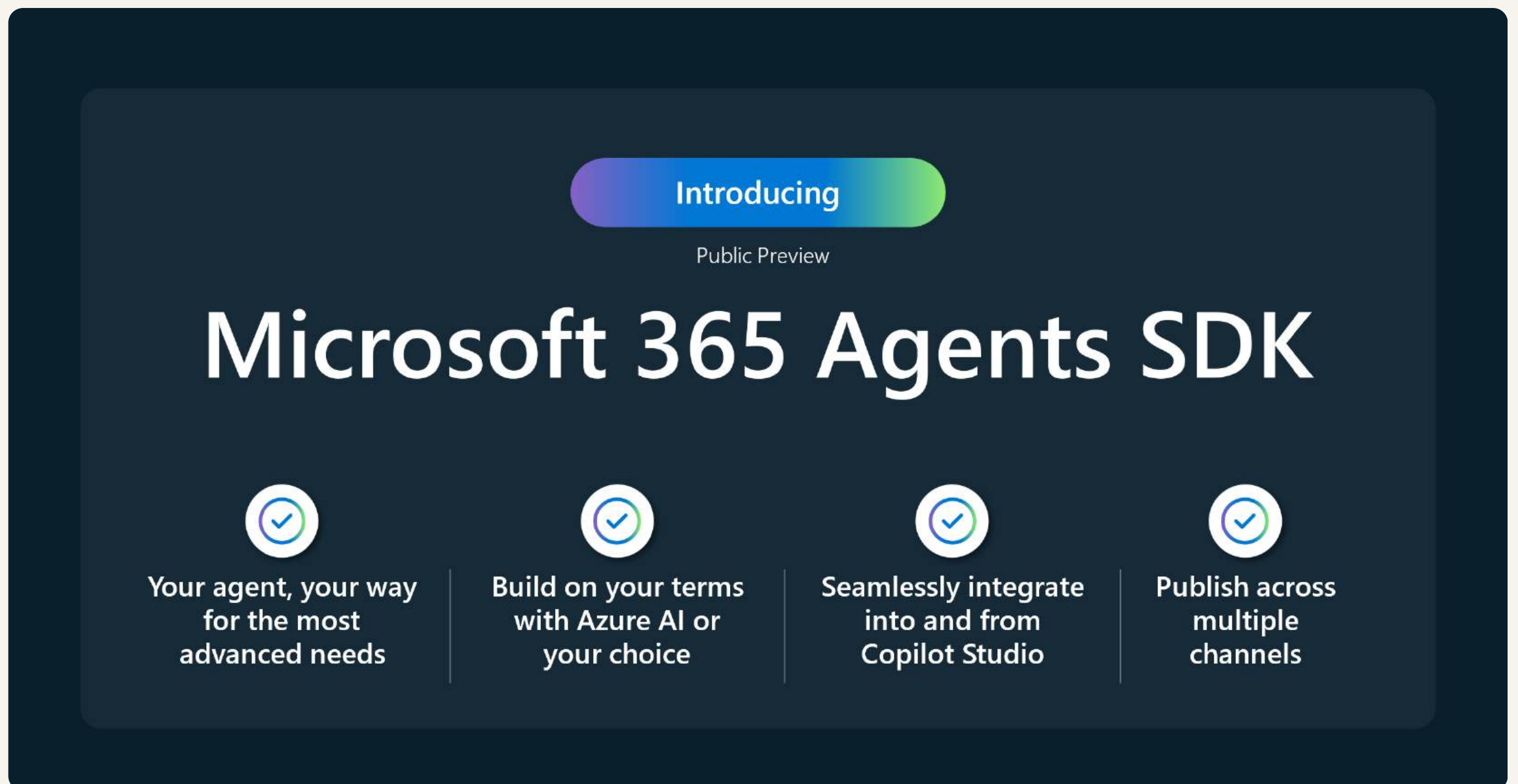
GOOGLE INTRODUCES REPOLESS FEATURE FOR CODING AGENT JULES

"Repoless in Jules" is a feature that allows you to run coding sessions in Jules, an AI coding assistant from Google, without needing a GitHub repository.

You can directly upload your own context, such as code, files, and photos. This is important because it significantly simplifies the process of using Jules for coding tasks. It removes the barrier of having to set up a GitHub repository, allowing for a more immediate and streamlined workflows, especially for smaller projects or quick coding experiments.

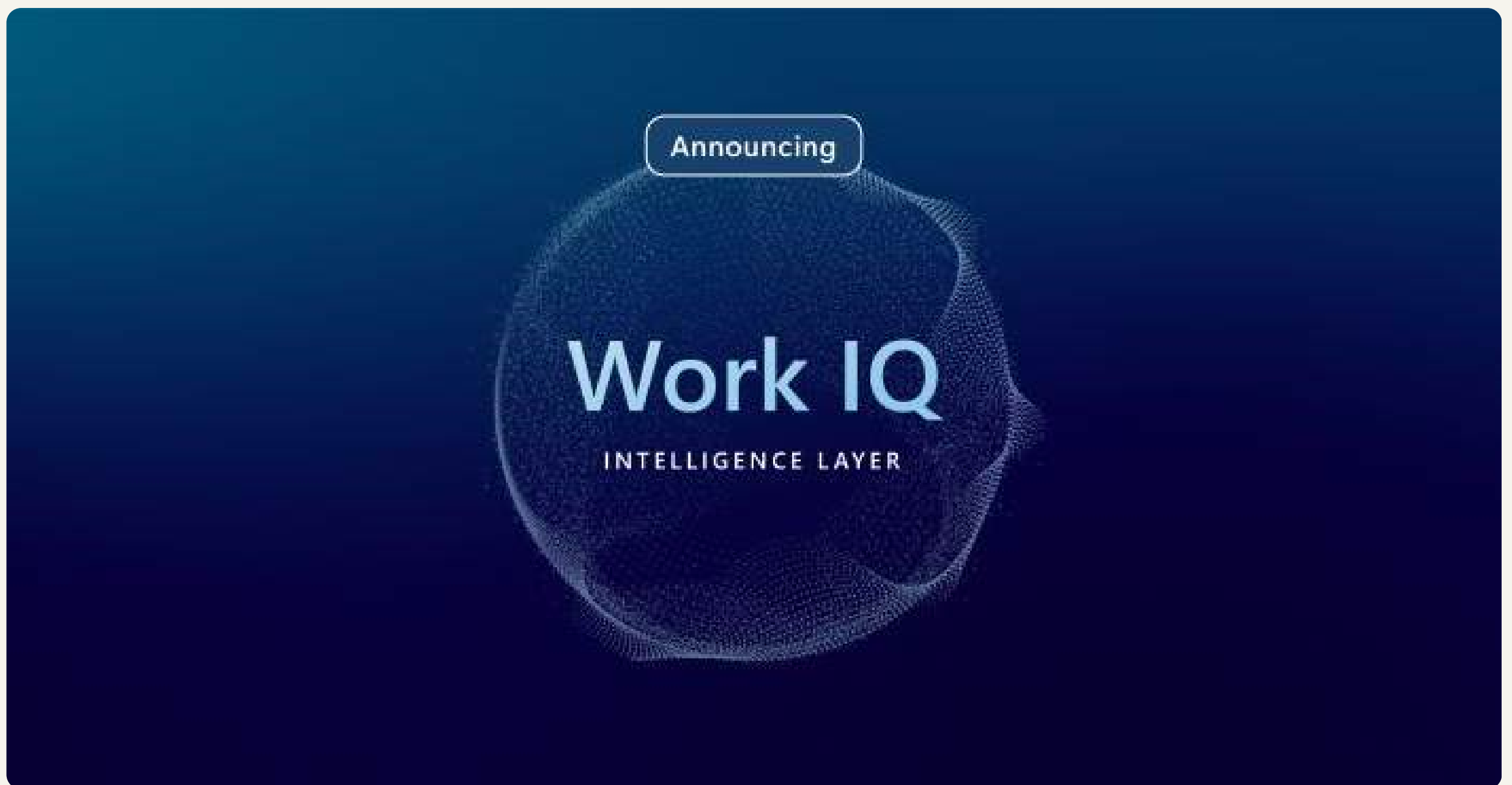# **MICROSOFT** RELEASES MICROSOFT AGENT 365 SDK

Microsoft Agent 365 SDK is a toolkit that extends any custom-built AI agent, allowing it to operate securely within the Microsoft 365 ecosystem.

It provides enterprise-grade features like a unique identity, observability, and governed access to tools, enabling agents to integrate with apps like Teams and Outlook while being independent of any specific AI model or technology stack. This is crucial because it makes AI agents ready for enterprise-level deployment.

MICROSOFT INTRODUCES WORK IQ FOR CUSTOM AI AGENTS

Microsoft Work IQ is the intelligence layer powering Microsoft 365 Copilot and custom agents, enabling them to deeply understand you, your workflows, and your organization.

It combines three critical components: data (emails, files, chats, meetings), memory (your work habits, preferences, relationships), and inference (connecting dots to predict next actions and suggest relevant agents).

Underlying models

Expand table

Model router version	Underlying models	Underlying model version
2025-11-18	gpt-4.1	2025-04-14
	gpt-4.1-mini	2025-04-14
	gpt-4.1-nano	2025-04-14
	o4-mini	2025-04-16
	gpt-5-nano	2025-08-07
	gpt-5-mini	2025-08-07
	gpt-5	2025-08-07
	gpt-5-chat	2025-08-07
	Deepseek-v3.1	N/A
	gpt-oss-120b	N/A

MICROSOFT MODEL ROUTER FROM FOUNDRY IS GENERALLY AVAILABLE

Microsoft Foundry's Model Router is a deployable AI system that automatically picks the optimal LLM for each prompt in real-time by analyzing query complexity, cost, and performance metrics.

Instead of locking into one model, it dynamically routes between models like GPT-5, Claude, DeepSeek, Llama, and reasoning models, using smaller/cheaper ones for simple tasks and premium models for complex reasoning.

MICROSOFT JOINS NEW PARTNERS FOR AI ACCELERATION

Microsoft just locked in a massive three-way deal with NVIDIA and Anthropic worth over $45 billion total.

NVIDIA and Microsoft are investing up to $10B and $5B respectively in Anthropic, while Anthropic commits $30B to buy Azure compute using NVIDIA's Blackwell and next-gen Vera Rubin chips. This matters because it breaks OpenAI's dominance, Microsoft gets model diversity for enterprise customers

SQL Server 2025
AI-ready enterprise database
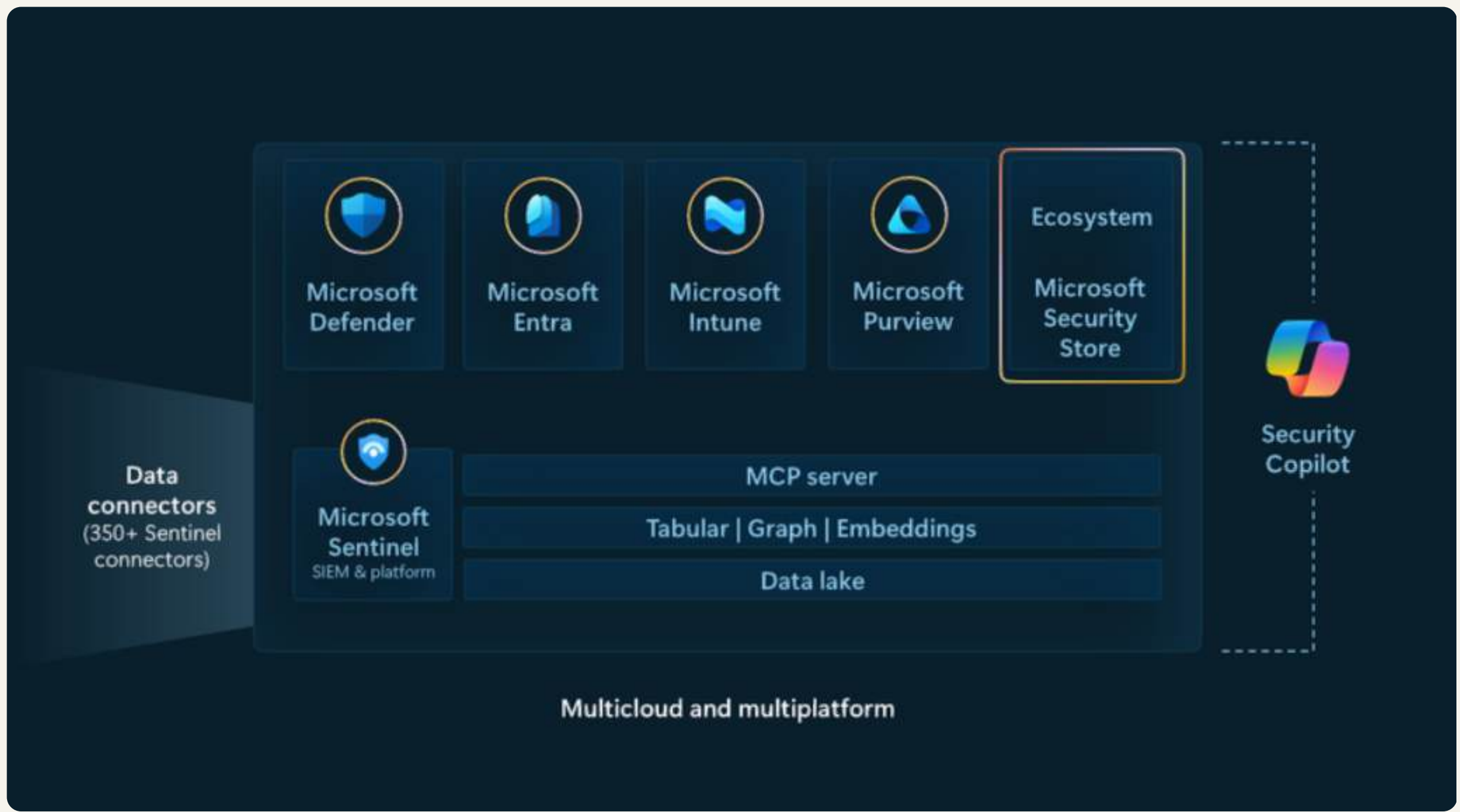
MICROSOFT'S SQL SERVER 2025 IS GENERALLY AVAILABLE

Microsoft SQL Server 2025 is now Generally Available. This isn't just another version; it's the first database with native AI capabilities built directly into T-SQL.

You get vector search, embedding generation, and RAG pattern support without external tools, meaning AI development happens where your data already lives. This matters because it eliminates the complexity of piecing together separate AI stacks.

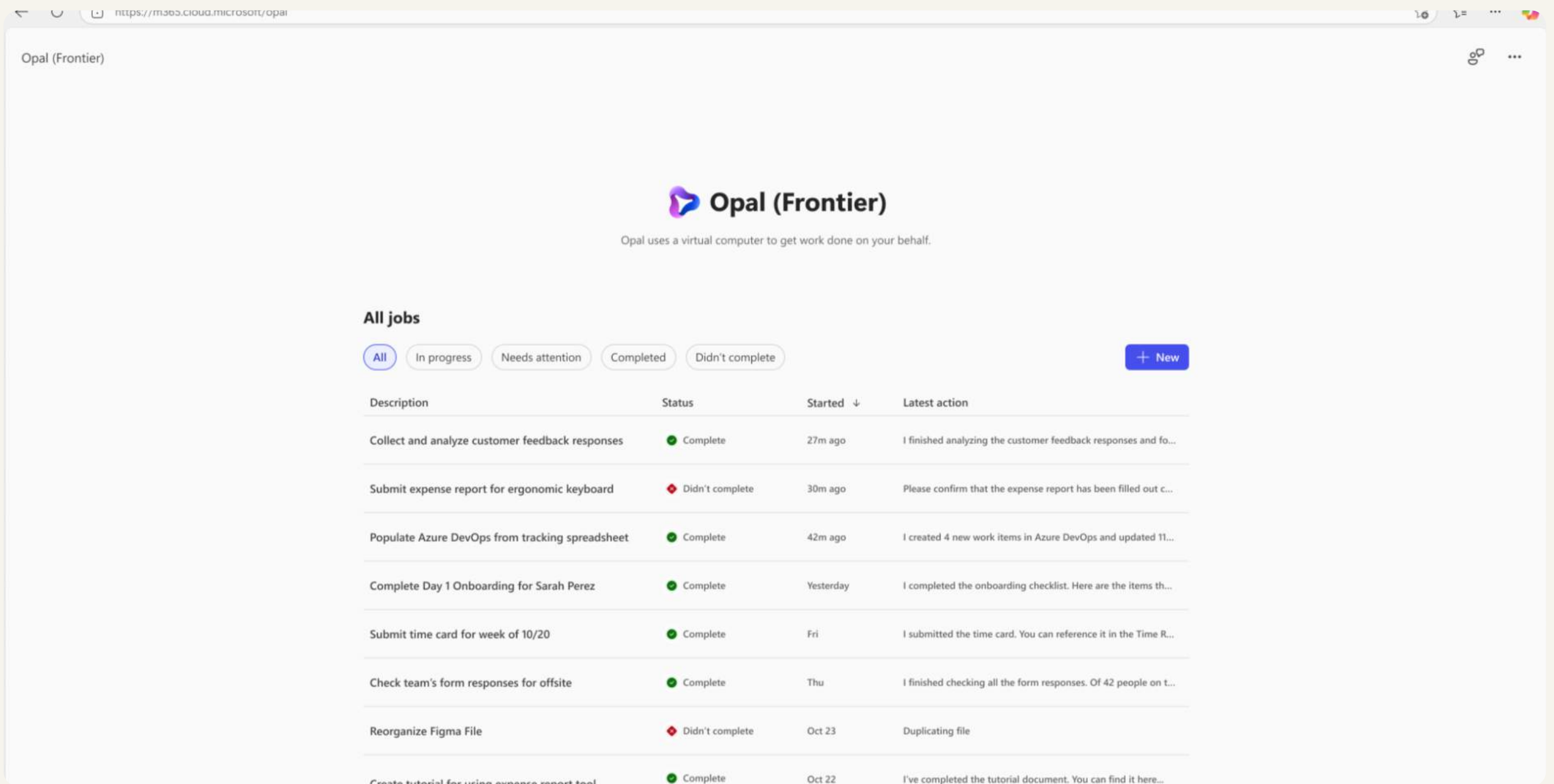# **MICROSOFT** INTRODUCES SECURITY STORE FOR ENTERPRISE AI PROJECTS

Microsoft Security Store is a centralized marketplace where security teams can discover, purchase, and deploy vetted security SaaS solutions and AI agents from partners like Darktrace and Illumio that integrate directly with Microsoft Security products (Sentinel, Defender, Entra).

It solves critical pain points: fragmented tools, slow procurement, and complex integrations that slow threat response

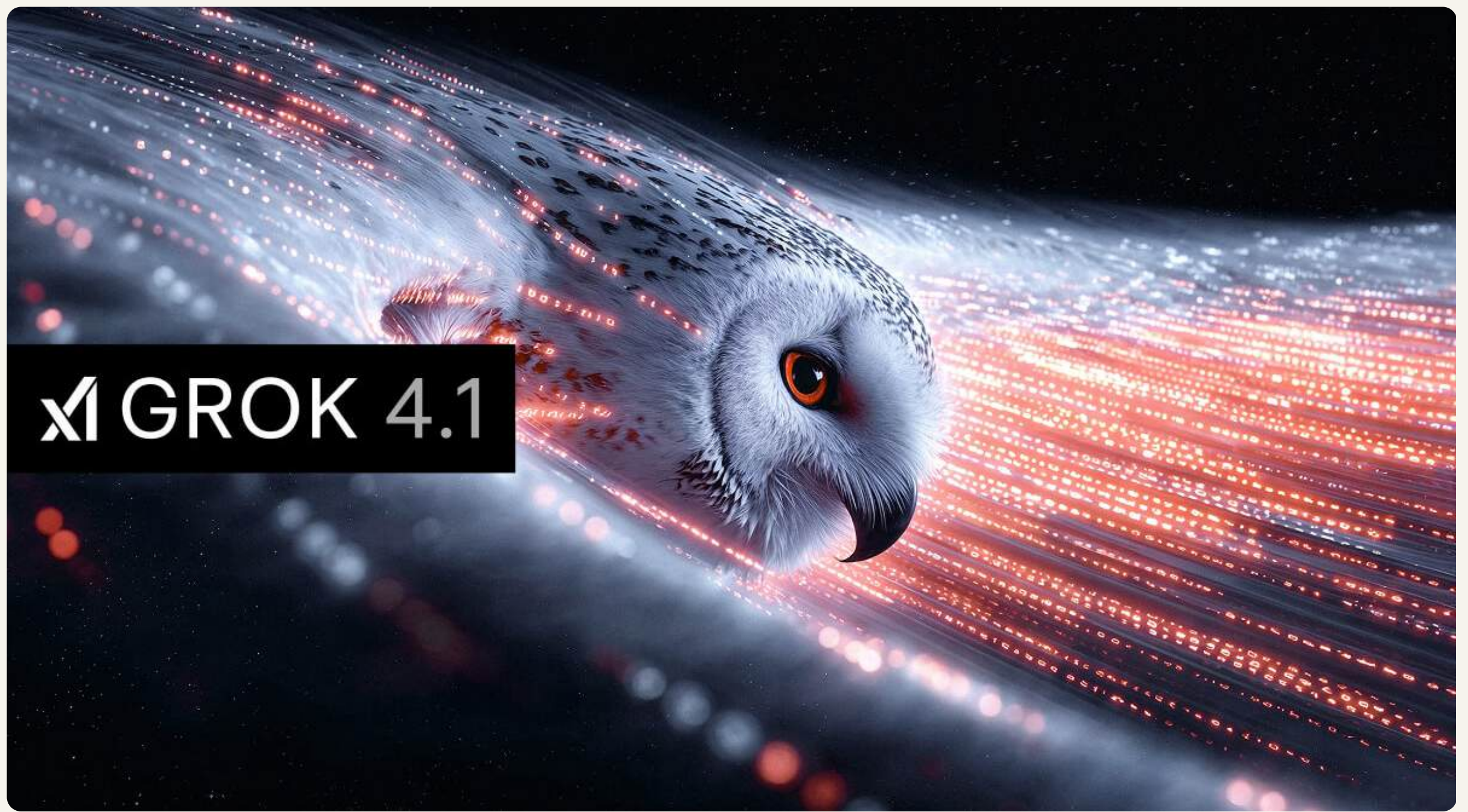# **MICROSOFT** INTRODUCES PROJECT OPAL, A PRODUCTIVITY AGENT

Microsoft Project Opal is a game-changer for automating repetitive multi-step tasks that drain productivity.

It uses an advanced reasoning model combined with computer-use capabilities on a secure Windows 365 Cloud PC to autonomously execute complex workflows, like compliance audits, HR onboarding, or IT ticket triaging—while you stay in control.

XAI RELEASES THEIR NEW FRONTIER MODEL GROK 4.1

Grok 4.1 is a significant upgrade focused on performance and usability.

The model delivers enhanced creative writing skills, faster reasoning, and introduces important features like end-to-end encrypted chat and superior privacy controls. It has shown a dramatic leap in performance, quickly ranking among the top AI models. The model also has a lower rate of hallucinations than its predecessors.
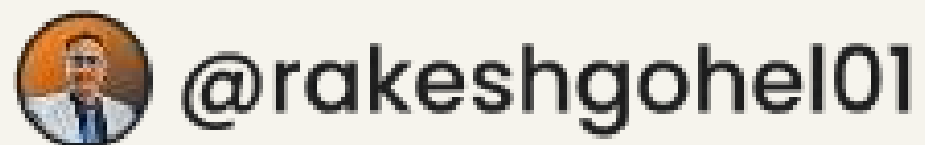
XAI GROK 4.1 FAST AND AGENT TOOLS API

XAI RELEASES GROK 4.1 FAST AND AGENT TOOLS API

Grok 4.1 Fast is a model optimized for agent-like tasks, released with the new Agent Tools API.

This pairing lets developers build agents that can browse the web, run code, and search files within a large 2-million-token context window. This is significant because it elevates Grok from a chatbot to an autonomous agent that can execute real-world tasks. It enables the creation of more capable applications for complex use cases like deep research.
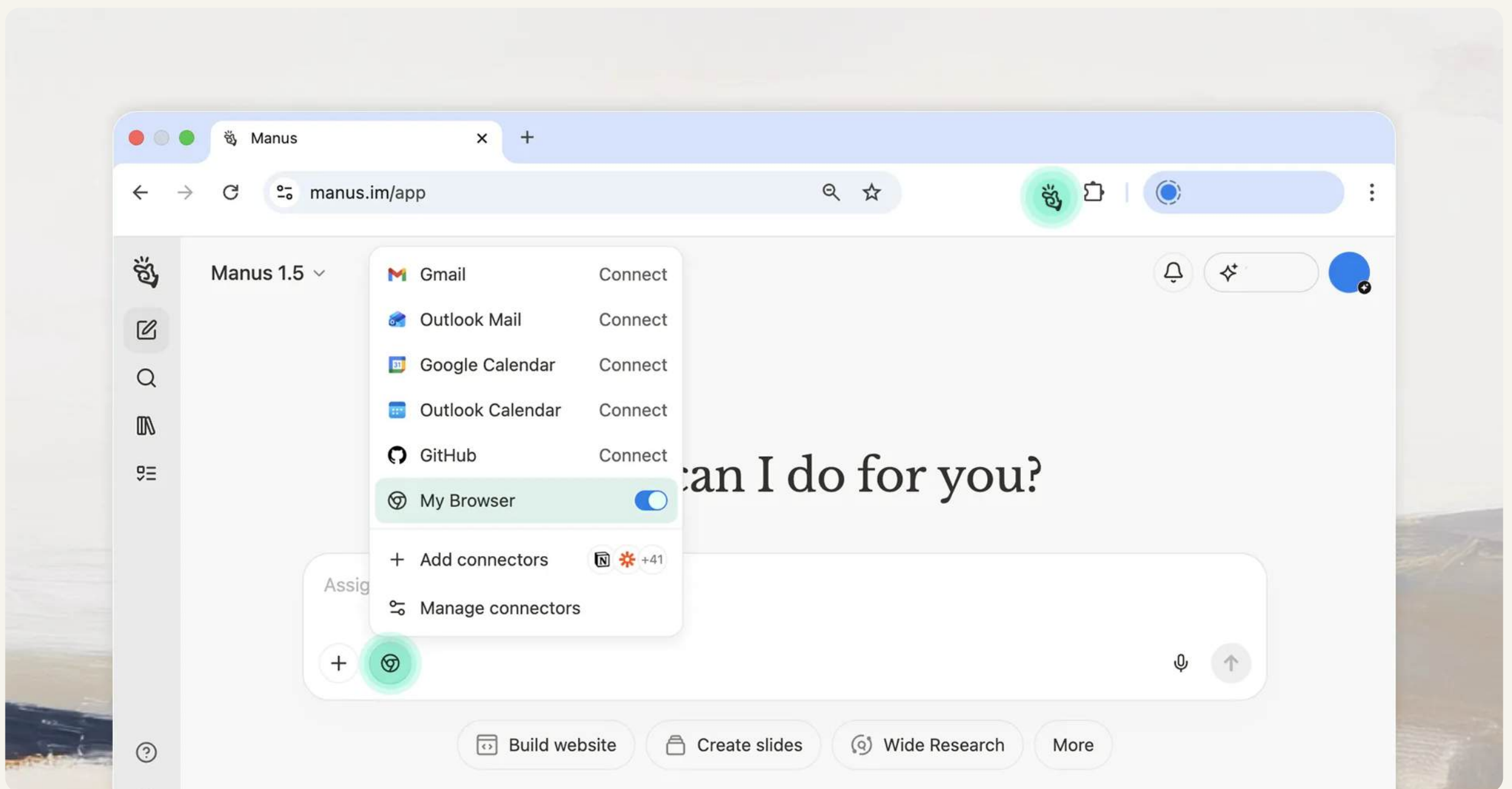
Building an AI-native engineering team

OPENAI'S PLAYBOOK ON HOW TO USE CODING AGENTS BETTER

OpenAI's guide on building AI-native engineering teams focuses on integrating coding agents across the entire software development lifecycle (SDLC).

The guide demonstrates how AI agents handle tasks like code generation, testing, debugging, and documentation, drastically compressing development cycles from weeks to hours. It emphasizes treating AI as a collaborative partner rather than just a tool, reshaping team structures where engineers become supervisors and validators instead of line-by-line coders.

MANUS INTRODUCES MANUS BROWSER OPERATOR EXTENSION

Manus Browser Operator is a browser extension that allows an AI agent to securely take control of your web browser to automate tasks.

It works directly within your existing logged-in accounts to handle complex workflows, such as research and data entry, saving you from repetitive clicking and typing across multiple sites. Since it operates from your local browser, its actions are trusted by websites, enabling powerful, code-free automation

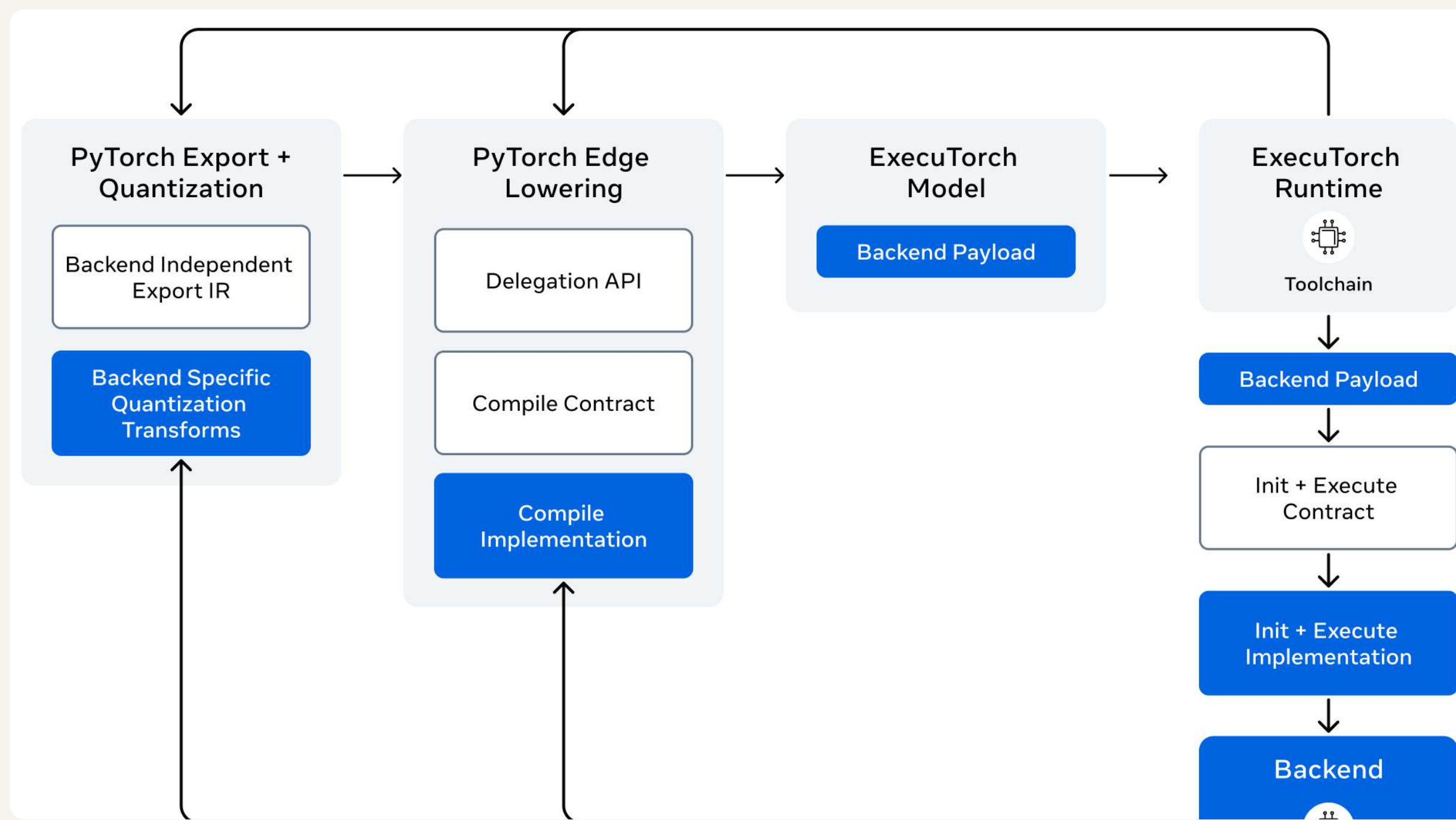# **META** RELEASES THEIR NEW SEGMENTATION MODEL SAM 3D

SAM 3D by Meta AI is a model that generates 3D models from a single 2D image.

It accurately reconstructs objects, scenes, and even human bodies, including their shape and pose. The model is composed of two parts: SAM 3D Objects, for items, and SAM 3D Body, for people. This technology can transform static images into detailed 3D assets. This is important because it simplifies 3D content creation, a process that traditionally required specialized skills and equipment.
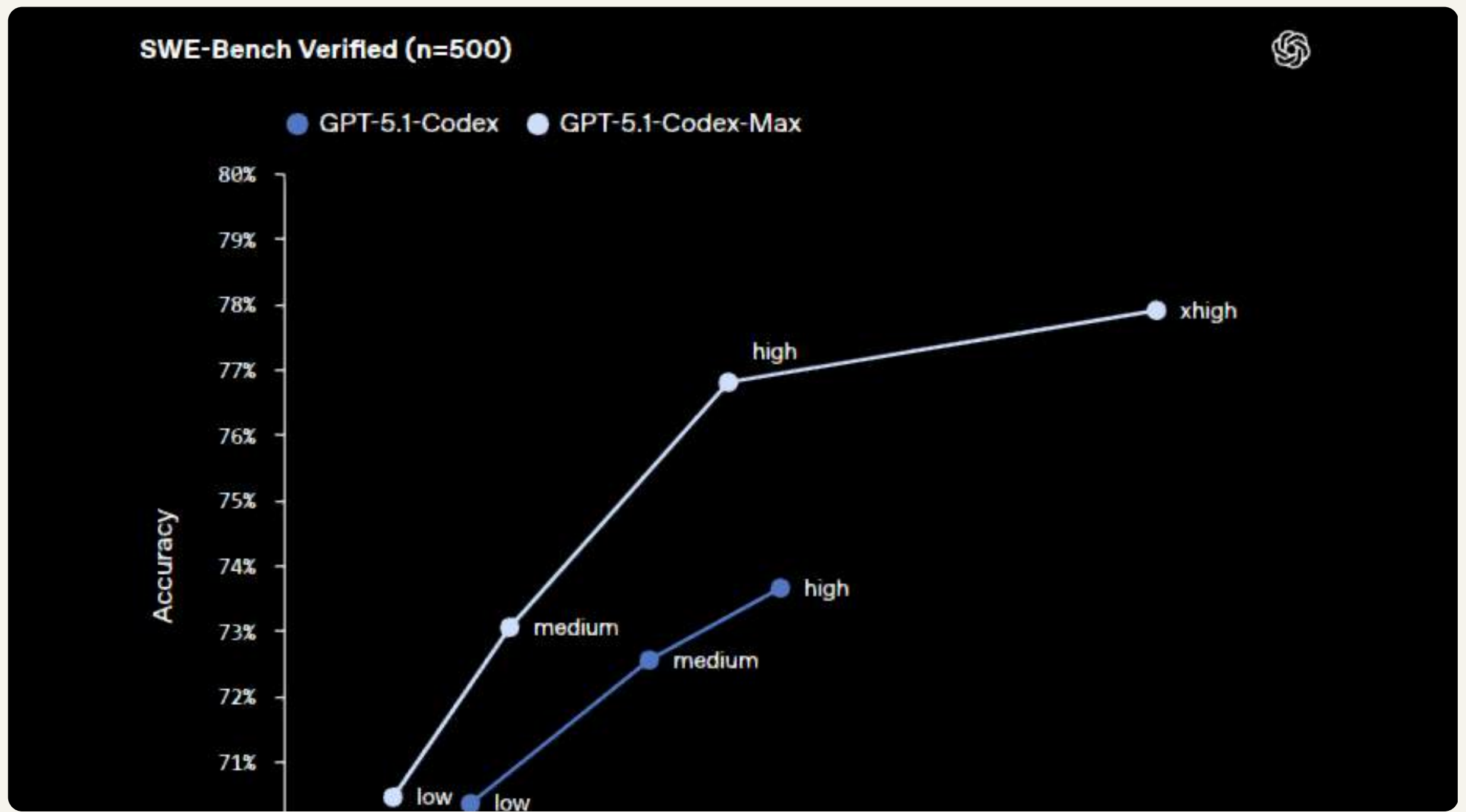
META RELEASES EXECUTORCH FOR EDGE AI DEVELOPMENT

ExecuTorch is Meta's framework for running AI models directly on Reality Labs hardware, including the Meta Quest 3 and Ray-Ban smart glasses.

It powers advanced, on-device AI for features like depth estimation, scene understanding, and speech recognition, removing the need to process data on a server. For developers, it standardizes the process of deploying AI, accelerating the shift from research to live products and enabling the next wave of complex AI-powered experiences on Meta's devices.

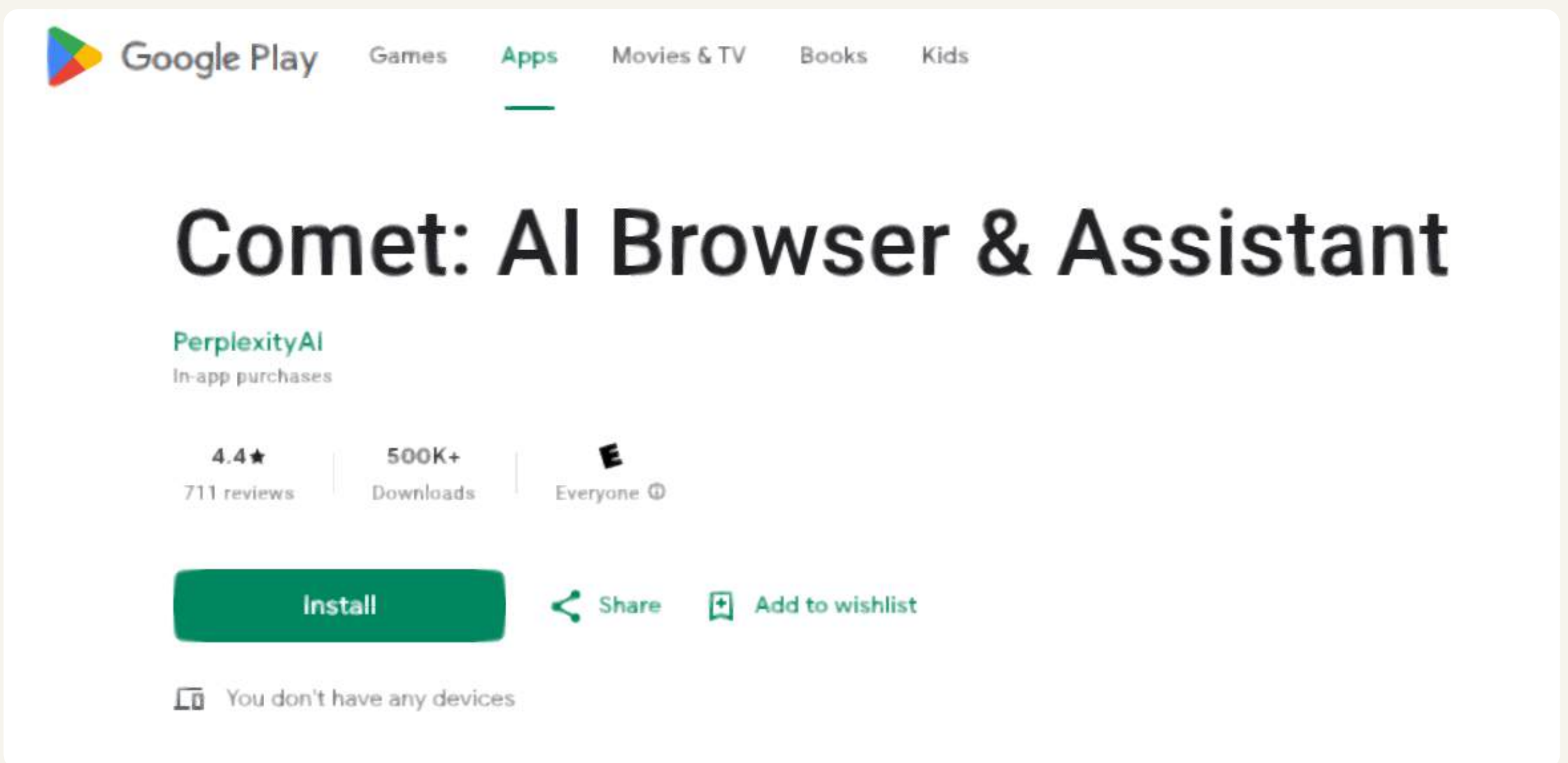# OPENAI RELEASES ITS NEW CODING MODEL GPT-5.1 CODEX MAX

GPT-5.1-Codex-Max is a specialized AI model from OpenAI designed for complex and long-running coding tasks.

Its core feature is "compaction," which allows it to intelligently manage its memory to work on large projects without being constrained by context window limits. This is significant because it enables "agentic coding," allowing the AI to autonomously handle development tasks for extended periods.

Google Play   Games   Apps   Movies & TV   Books   Kids

Comet: AI Browser & Assistant

PerplexityAI
In-app purchases

4.4★
711 reviews

500K+
Downloads

E
Everyone ⓘ

[Install]   < Share   ⊞ Add to wishlist

☐ You don't have any devices

PERPLEXITY INTRODUCES COMET AS MOBILE APPLICATION

Perplexity's Comet browser now has a mobile app (Android launched Nov 2025, iOS coming soon) after initially being desktop-only since July 2025.

This matters because Comet transforms browsing into agentic AI workflows, and the built-in Assistant handles multi-step tasks like research and scheduling while you stay focused. What makes it crucial: Comet turns fragmented browsing into seamless execution. Users ask 6-18X more questions after adoption because curiosity becomes frictionless.

REPLIT'S DESIGN MODE FOR BETTER FRONTEND DESIGN USING GEMINI 3

This is a game-changer powered by Google's new Gemini 3 model that lets you build interactive mockups or live websites in under two minutes, 5x faster than traditional workflows.

It's crucial because it kills the biggest friction point in product development: the slow handoff between design and engineering. The real power is in separation of concerns—you prototype front-end only with zero backend overhead, then one-click "Convert to App" when you need functionality.

Did I miss any Updates?

Let me know in the comments below

👇

Hi, I am
Rakesh Gohel

"We help businesses 10X their growth with Cloud and AI Agents"

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