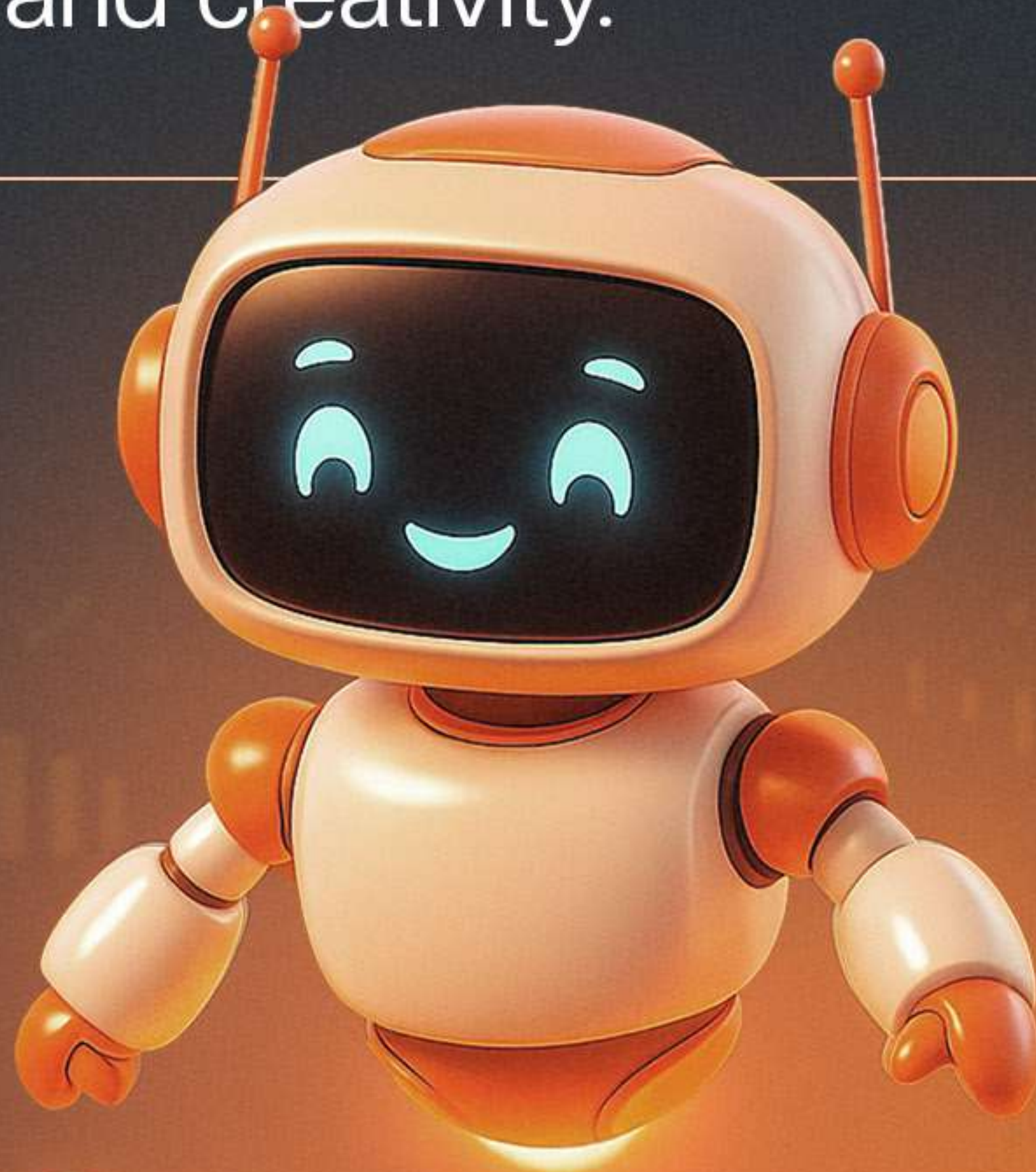


EVOLUTION OF LLMs:

From Chatbots to Intelligent Assistants

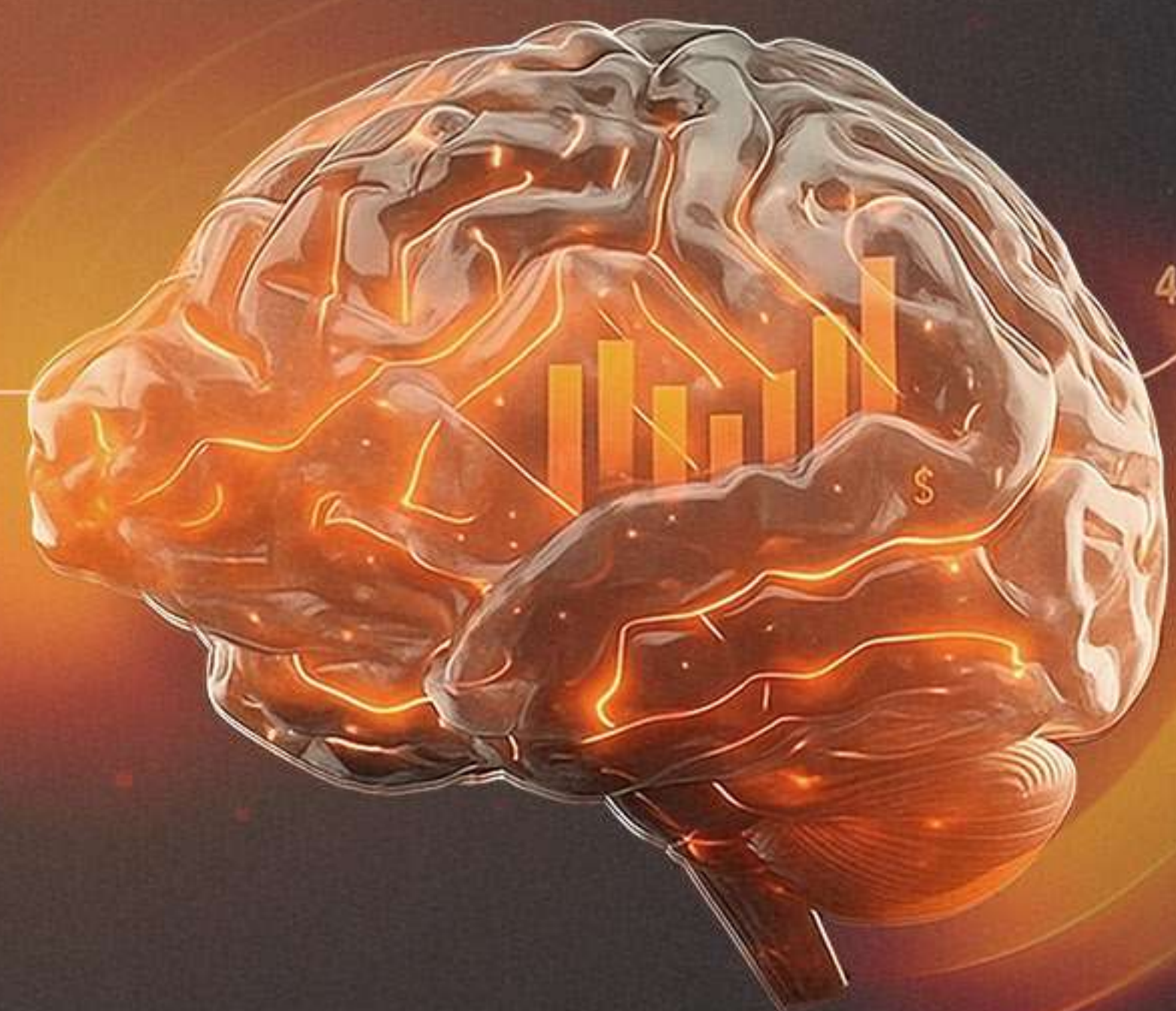
From Siri to GPT-5, tracing how language models went from rule-based scripts to reasoning assistants powering work, search, and creativity.



Swipe >>

KEY MILESTONES IN LLM EVOLUTION

- ▶ 1950s–60s: **ELIZA** sets the stage with rule-based replies
- ▶ 1990s: **Statistical models** replace rules with data
- ▶ 2013: **Word2Vec** captures meaning through numbers
- ▶ 2017: **Transformers** rewrite how machines understand context
- ▶ 2019–2024: **GPT-2** → **GPT-4** make assistants mainstream
- ▶ 2025: **GPT-5** pushes toward AGI with reasoning, coding & multimodality



THE RISE OF AI ADOPTION

- ✦ **800M weekly users** on ChatGPT (Oct 2025), up from **700M** at **GPT-5's launch**.
- ✦ **4M+ developers** building with OpenAI's API.
- ✦ Handles **6B tokens/minute** - showing how fast LLMs are scaling.
- ✦ **67% of companies** have adopted LLMs in operations.
- ✦ Market projected to hit **\$82.1B by 2033**



GPT-5: THE GAME CHANGER

- ✦ Released **Aug 7, 2025**
- ✦ **94.6%** accuracy in AIME competition math (100% with Python tools)
- ✦ **96.7%** on Harvard-MIT Math Tournament
- ✦ **88%** in multi-language code editing
- ✦ Integrated into **Microsoft 365 Copilot**, scaling enterprise use → Smarter reasoning, lower hallucination, real-world reliability



WHAT'S NEXT

- ✦ Multimodal models (text + image + video + voice) reshape workflows
- ✦ Meta's **Llama 4** and OpenAI's **GPT-4o/5** lead the way
- ✦ Expect:
 - Longer context
 - Reliable citations
 - Safer, agentic behavior
- ✦ Marketers now track where brands appear in **AI answers** via tools like **Tesseract AI**

The future of LLMs is an ecosystem powering discovery, creativity, and decision-making!

