

AI Agent vs. Agentic AI: The Evolution

Defining Fundamental Concepts



AI Agent

- ⚙️ Foundational concept, dating back decades.
- ⚙️ Perceives its environment and acts upon it.



Agentic AI

- 🧠 Recent evolution, driven by advanced LLMs.
- 🧠 Represents higher autonomy and self-direction.

⚙️ **All Agentic AI are AI Agents** ; **not all AI Agents are Agentic** .



Complex Reasoning

Focus on multi-step reasoning, advanced tool use, and autonomous execution capabilities.



Safety & Reliability

Ongoing research into enhancing reliability, safety, and control mechanisms.



Reflective Agents

Development of reflective agents for iterative plan refinement and self-improvement.

Agentic AI: A New Frontier

Evolving Intelligence and Autonomy

AI Agents are foundational intelligent systems. Agentic AI, driven by LLMs, marks a significant evolution with higher autonomy, complex planning, and self-correction. This promises vast automation benefits. However, it introduces critical challenges for safety, ethics, and control, requiring careful management for increasingly self-directed AI.



Evolving Intelligence