

AI Agents and Architecture

Agentic AI:

- What Is Agentic AI? <https://blogs.nvidia.com/blog/what-is-agentic-ai/>
- Function Calling
<https://platform.openai.com/docs/guides/function-calling>
- Berkeley Function-Calling Leaderboard
<https://gorilla.cs.berkeley.edu/leaderboard.html>
- NPHardEval leaderboard <https://huggingface.co/spaces/NPHardEval/NPHardEval-leaderboard>
- AI Memory and Context <https://www.forbes.com/sites/johnwerner/2025/01/29/ai-memory-and-context-open-source-deepseek-meta-and-model-research/>
- Generative AI Vs. Agentic AI: The Key Differences Everyone Needs To Know
<https://www.forbes.com/sites/bernardmarr/2025/02/03/generative-ai-vs-agentic-ai-the-key-differences-everyone-needs-to-know/>
- AI agent architecture and design
<https://www2.deloitte.com/us/en/pages/consulting/articles/ai-agent-architecture-and-multiagent-systems.html>
- AI Agents beyond the Hype
<https://deepsense.ai/blog/ai-agents-beyond-the-hype-how-theyre-powering-the-uncool-but-essential-use-cases/>
- What is Agentic Architecture? <https://www.ibm.com/think/topics/agentic-architecture>
- Baseline Agentic AI Systems Architecture
<https://techcommunity.microsoft.com/blog/machinelearningblog/baseline-agentic-ai-systems-architecture/4207137>
- Intelligent Agents in AI Really Can Work Alone
<https://www.gartner.com/en/articles/intelligent-agent-in-ai-gb-pd>
- Agentic AI design: An architectural case study
<https://www.cio.com/article/3608072/agentic-ai-design-an-architectural-case-study.html>
- What Are Agentic AI Workflows? <https://blog.equinix.com/blog/2024/11/20/what-are-agentic-ai-workflows/>

Resource guide

- The Landscape of Emerging AI Agent Architectures for Reasoning, Planning, and Tool Calling
<https://arxiv.org/abs/2404.11584>
- Why Agentic AI Will Soon Make ChatGPT Look Like A Simple Calculator
<https://www.forbes.com/sites/bernardmarr/2025/01/20/why-agentic-ai-will-soon-make-chatgpt-look-like-a-simple-calculator/>

Intel articles on Agentic AI:

- Build a Travel Q&A Application with Agentic Workflow on AI PCs
<https://www.intel.com/content/www/us/en/developer/articles/technical/build-a-travel-ga-application-on-ai-pcs.html>
- Building Agentic LLM Workflows with AutoGen
<https://www.youtube.com/watch?v=vzRY1WUqGos>
- Create an Agentic RAG using OpenVINO and LlamaIndex
<https://docs.openvino.ai/2024/notebooks/llm-agent-rag-llamaindex-with-output.html>

Other AI Resources

- What Is Generative AI (GenAI)?
<https://www.intel.com/content/www/us/en/learn/what-is-generative-ai.html>
- What is RAG ?
<https://www.intel.com/content/www/us/en/developer/articles/community/what-is-rag.html>