

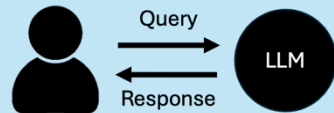
AI Autonomy Spectrum

Low Autonomy

High Autonomy

Control Logic: **Human**

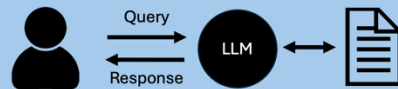
LLM



- **What:** Standalone model limited to training data; no external tools
- **Control Logic:** Fully human-controlled
- **Behavior:** Solely Reactive. input → single output
- **Example:** “Summarize this article” → returns summary

Control Logic: **Human (Code)**

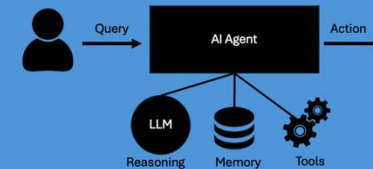
AI System



- **What:** LLM connected to tools or data; fixed process.
- **Control Logic:** Human-defined, programmatic steps.
- **Behavior:** Always follows same sequence.
- **Example:** RAG retrieves docs → outputs educated answers.

Control Logic: **LLM**

AI Agent



- **What:** LLM with access to tools/ memory; dynamic process
- **Control Logic:** The “LLM” becomes the brain and decides the steps to solve the problem.
- **Behavior:** Reasons, acts, observes, and iterates until task is completed.
- **Example:** A travel planner booking flights and hotels.

Multi-Agent System



- **What:** Network of specialized AI agents collaborating.
- **Control Logic:** Distributed among agents.
- **Behavior:** Emergent, multi-step problem-solving.
- **Example:** AI team where one agent researches, another writes code, and another tests it.

Task Complexity

Narrow

Complex