

Agentic AI Vs AI Agents

① AI Agents

"AI agents" refers to individual software programs designed to perform specific tasks with a degree of autonomy



Without human intervention

1) Functionality: AI Agents
handles specific tasks,
limited autonomy

2) Decision Making

{ Predefined Rule }

AI Agents → Single Entity
with a focused purpose

Example

AI Agents

Customer Service Chatbot



Answers basic questions

② Agentic AI ⇒ Complex Workflow

Agentic AI describes a broader framework where multiple AI agents can collaborate and make decisions independently to achieve a larger goal, emphasizing adaptability and learning from experience rather than just following predefined rules.

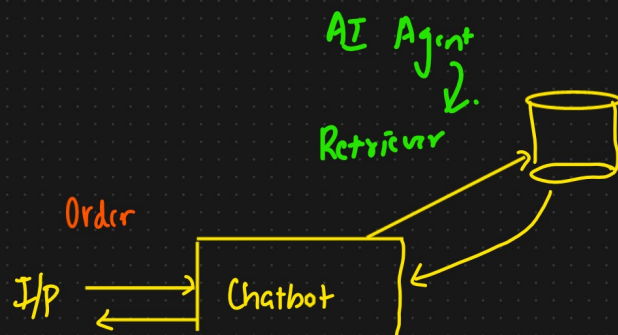


Solve a Task → Without Human Intervention

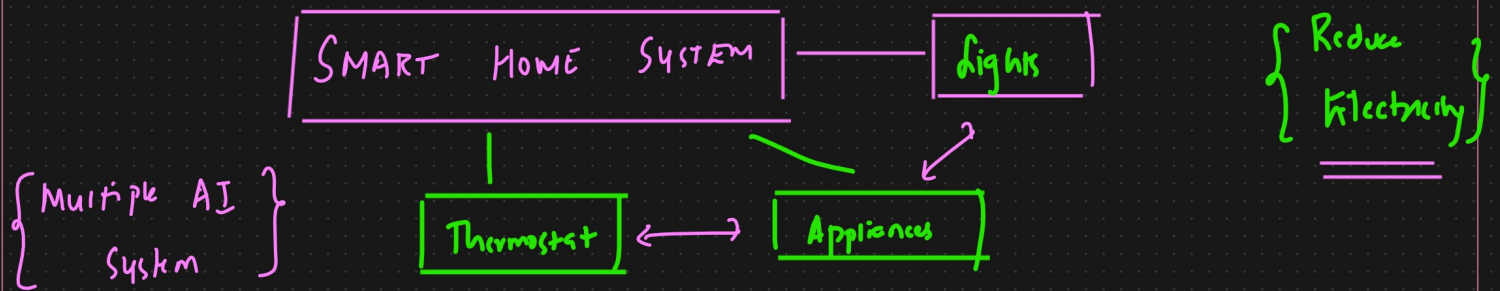
Agentic AI focuses on the overall system with the ability to learn, adapt and make complex Decision.

{ Autonomous decision based on
Real time data and circumstances }

Agentic AI: Network of agents
working together to achieve a goal.



Agentic AI



Perception : Gather the data from surrounding

Reasoning :- Understand what is going on

Action : Take a specific Action.

Learning : It improves and adapts over time.

AI Agents : Automated Banking Bots : Balance Inquiry, Transactions

Processes are clearly defined

Agentic AI : Personalized Health Assistant

These systems analyze a patient's medical history, real-time health data, and even lifestyle factors to provide personalized care recommendations. Their ability to adapt to new medical research and patient feedback illustrates the higher flexibility and complexity of agentic AI.

LLM Models \Rightarrow Brain of the AI Agents

$\left. \begin{array}{l} \hookrightarrow \text{Tools} \\ \hookrightarrow \text{Databases} \end{array} \right\} \begin{array}{l} \text{Agentic AI} \\ \text{AI Agents} \end{array}$