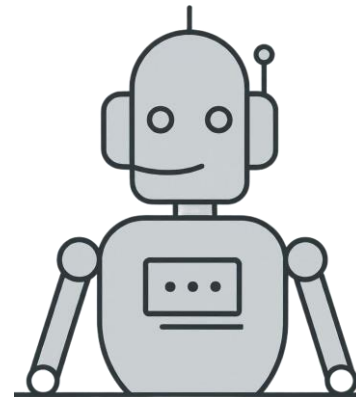


Four Important Agentic AI Patterns



AI = Intelligent computer programs
that can perceive, reason, learn, and
act in complex environments
(Russell & Norvig, 2022)

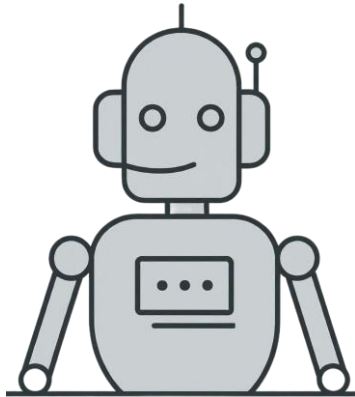
Agenda

In this session, we will discuss:

- A Framework for Agentic AI
- Four Patterns of Agentic Systems
 - Reflection
 - Tool Use
 - Planning
 - Multi-Agent Collaboration

A Framework for Agentic AI

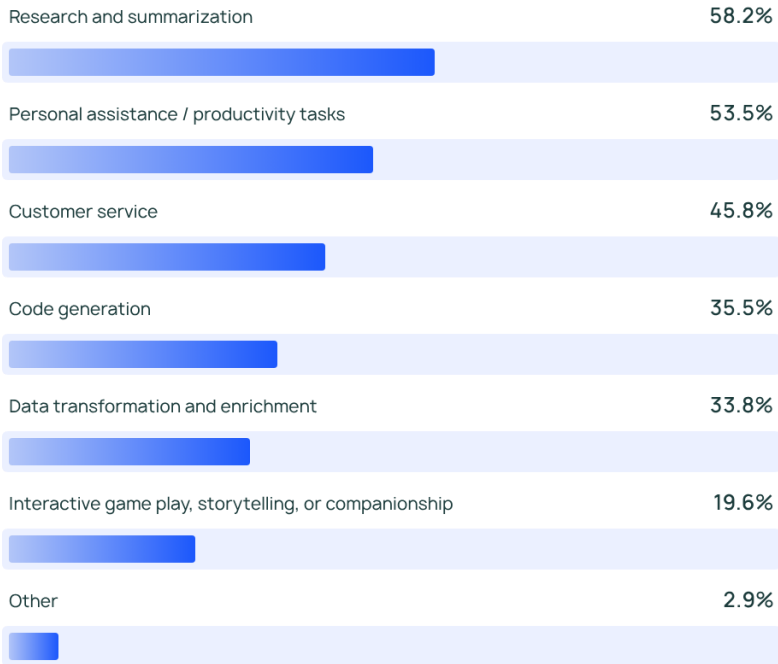
Agents: A Working Definition



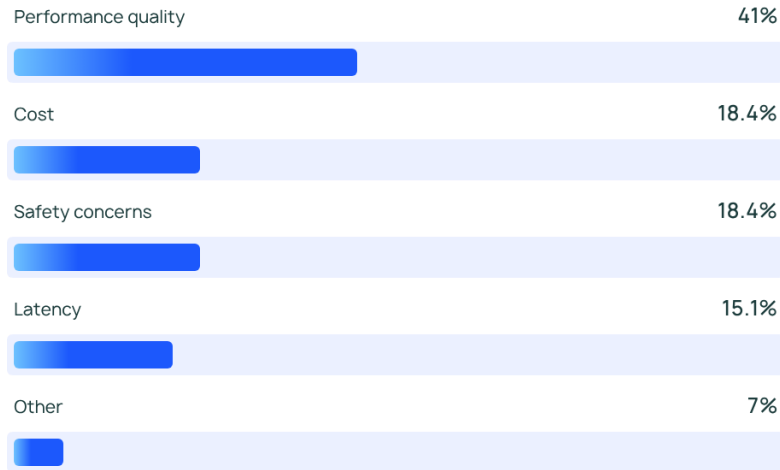
AI agents are systems that actively engage in tasks, often involving planning, decision-making, and interaction with their environment to achieve defined objectives. They are unlike traditional AI models that passively provide outputs in response to specific inputs,

Agents: What are they being used for?

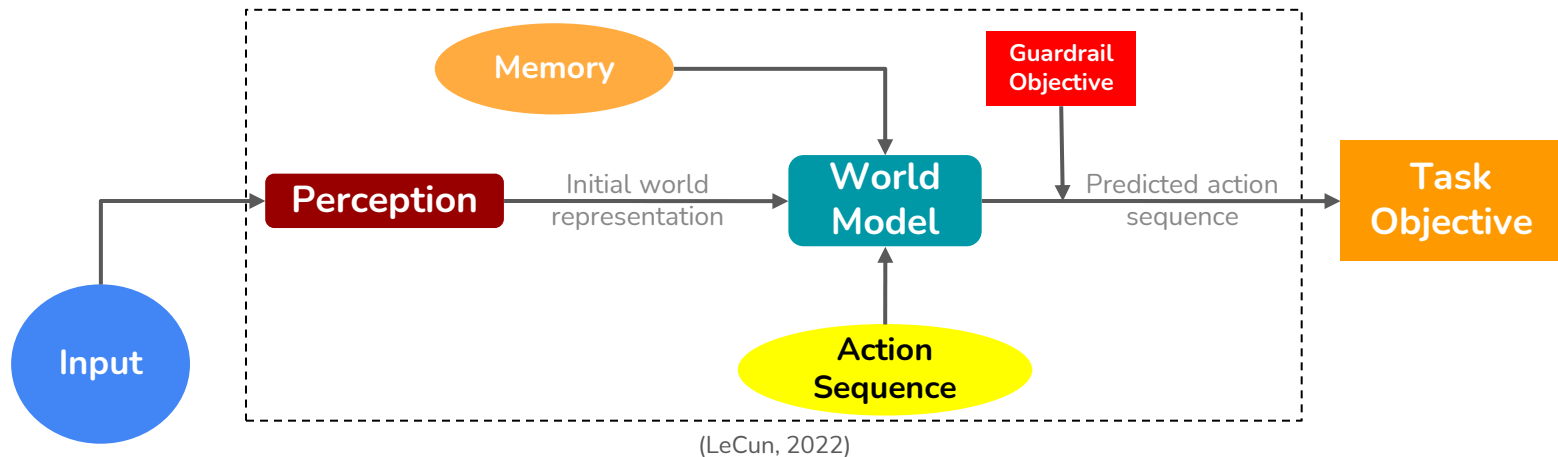
In your opinion, which tasks are agents best suited to perform today?



What is your biggest limitation of putting more agents in production?



A Framework for AI Agents

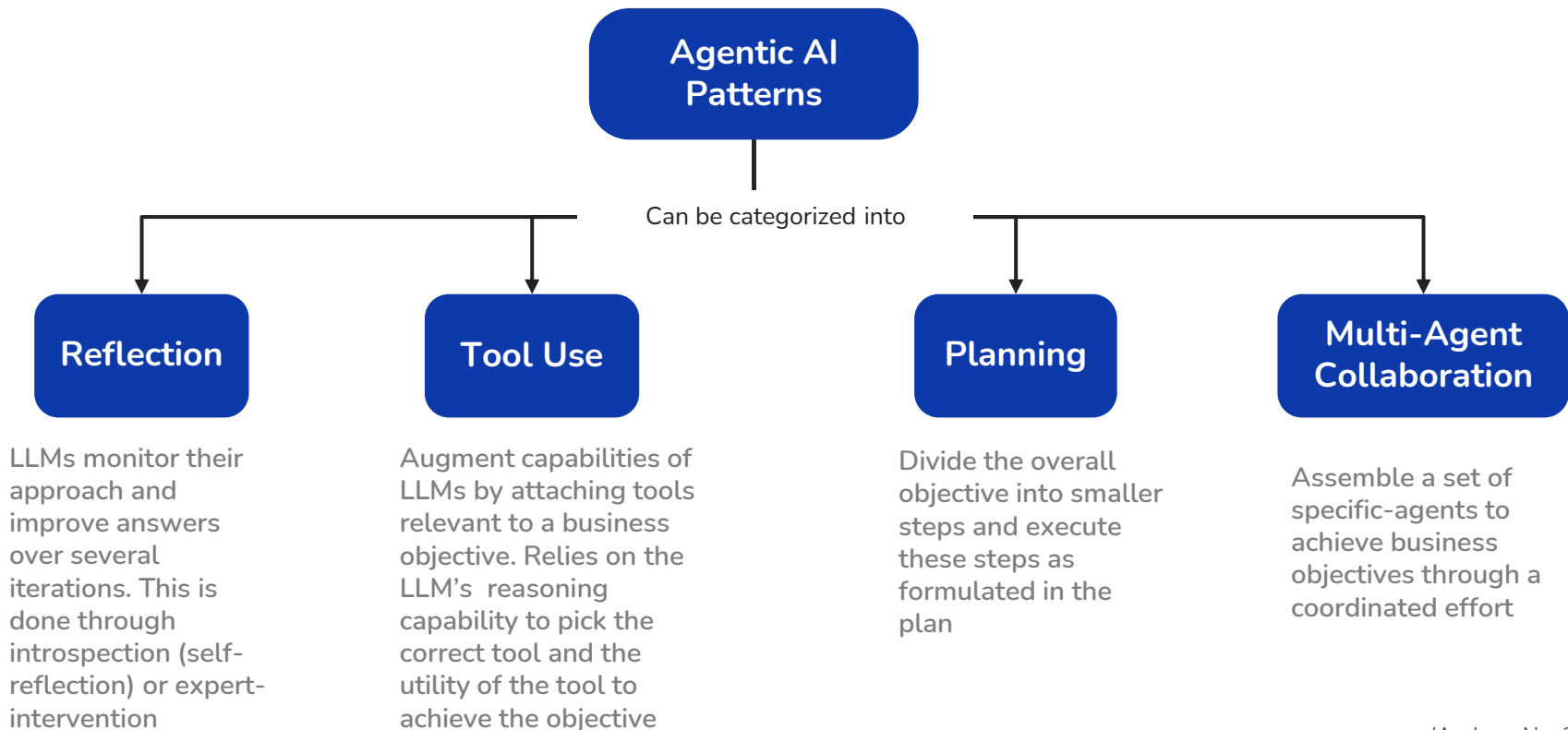


Do customers who default maintain a low balance?

On average, customers who default have a negative balance of approximately -61.80. This suggests that customers who default tend to maintain a low balance.

The Four Horsemen of Agentic AI

Agentic AI Patterns



(Andrew Ng, 2024)

Introductory Implementations of the Four Agentic AI Patterns

Thank You