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AI Agents

Shaping the Future of Intelligent Automation

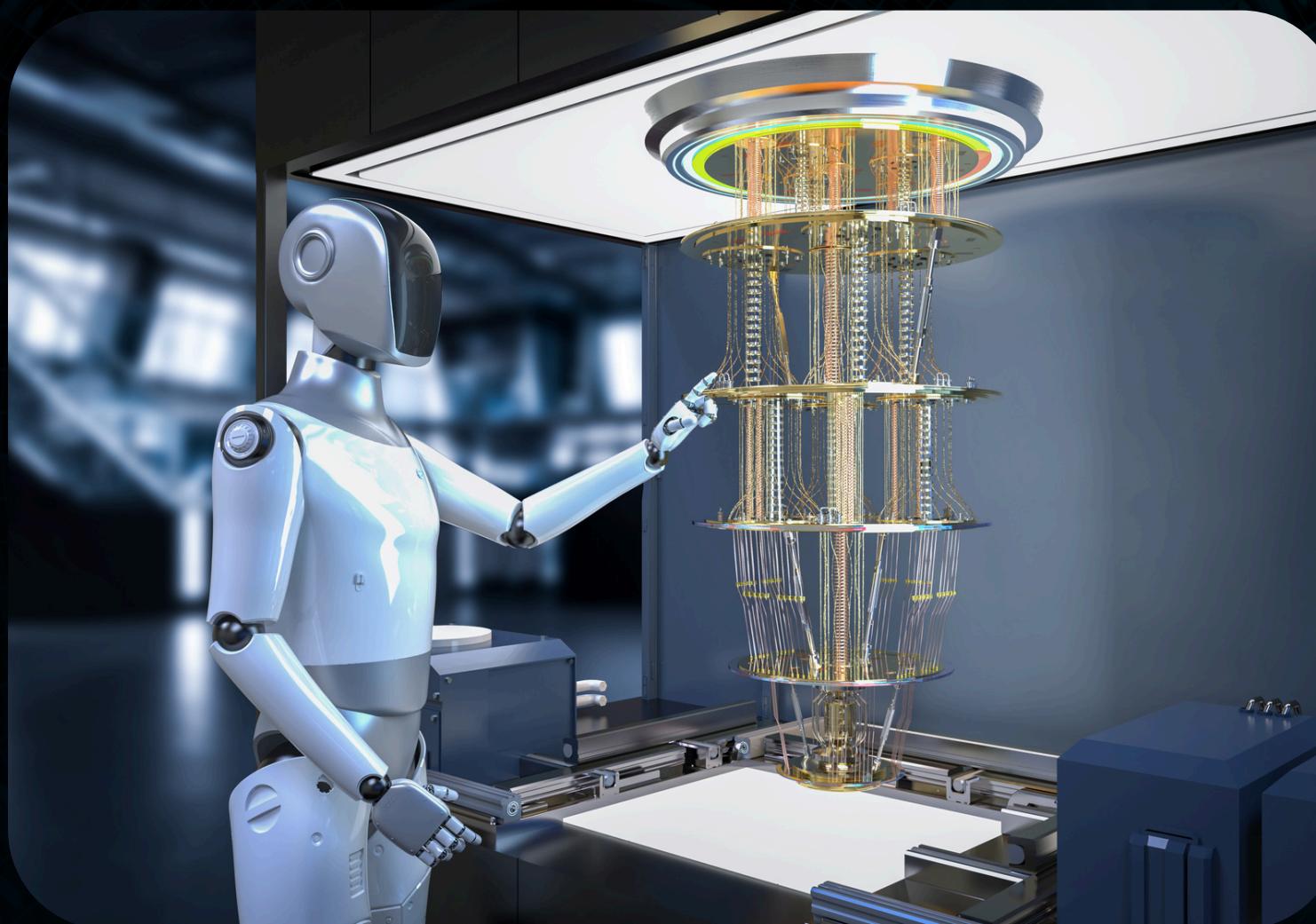
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Agenda

- ✓ Introduction to AI Agents
- ✓ Traditional AI and AI Agents
- ✓ Real-time Applications

What are AI Agents?

AI agents are systems that perceive their environment, reason about it, and take action to achieve specific goals.





Traditional AI vs AI Agents

- **Traditional AI** relies heavily on predefined rules and cannot adapt autonomously.
- **AI Agents** can learn from interactions and modify their behavior based on feedback, making them more effective in dynamic environments and complex tasks.





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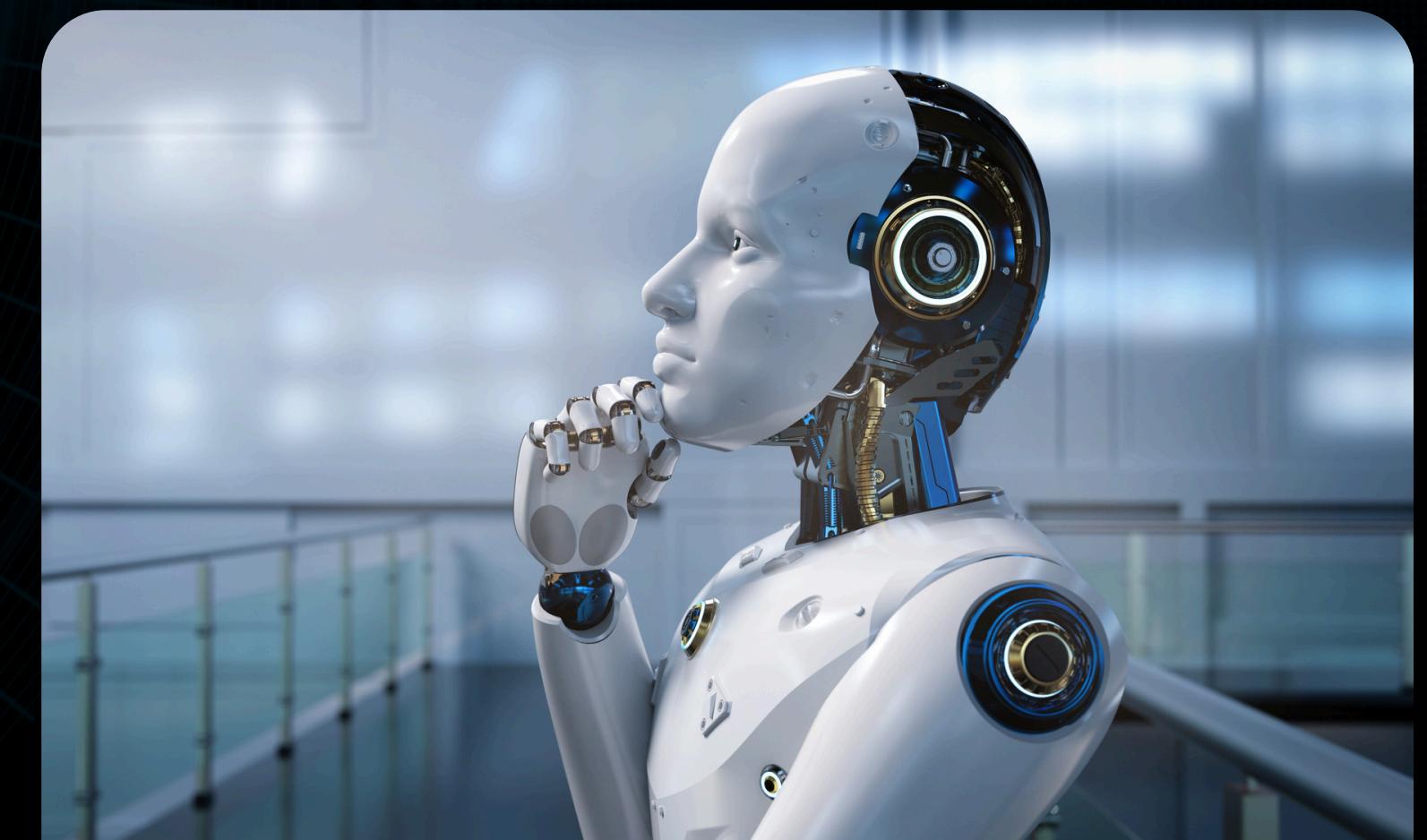
Real-World Applications

AI Agents are transforming various sectors, including **healthcare, finance, and customer service**.

✓ Tesla-Autopilot

✓ Siri, Alexa

✓ Vacuum Cleaner (Roomba)





AI in Healthcare

Revolutionizing Health and Wellness

- Virtual health assistants: Chatbots like Ada or Babylon help diagnose symptoms or schedule appointments.
- Robotic surgery assistants: Like Da Vinci Surgical System — assist doctors during complex surgeries with precision.
- Patient monitoring agents: AI watches vitals in real time and alerts doctors before something goes wrong.



AI in Finance

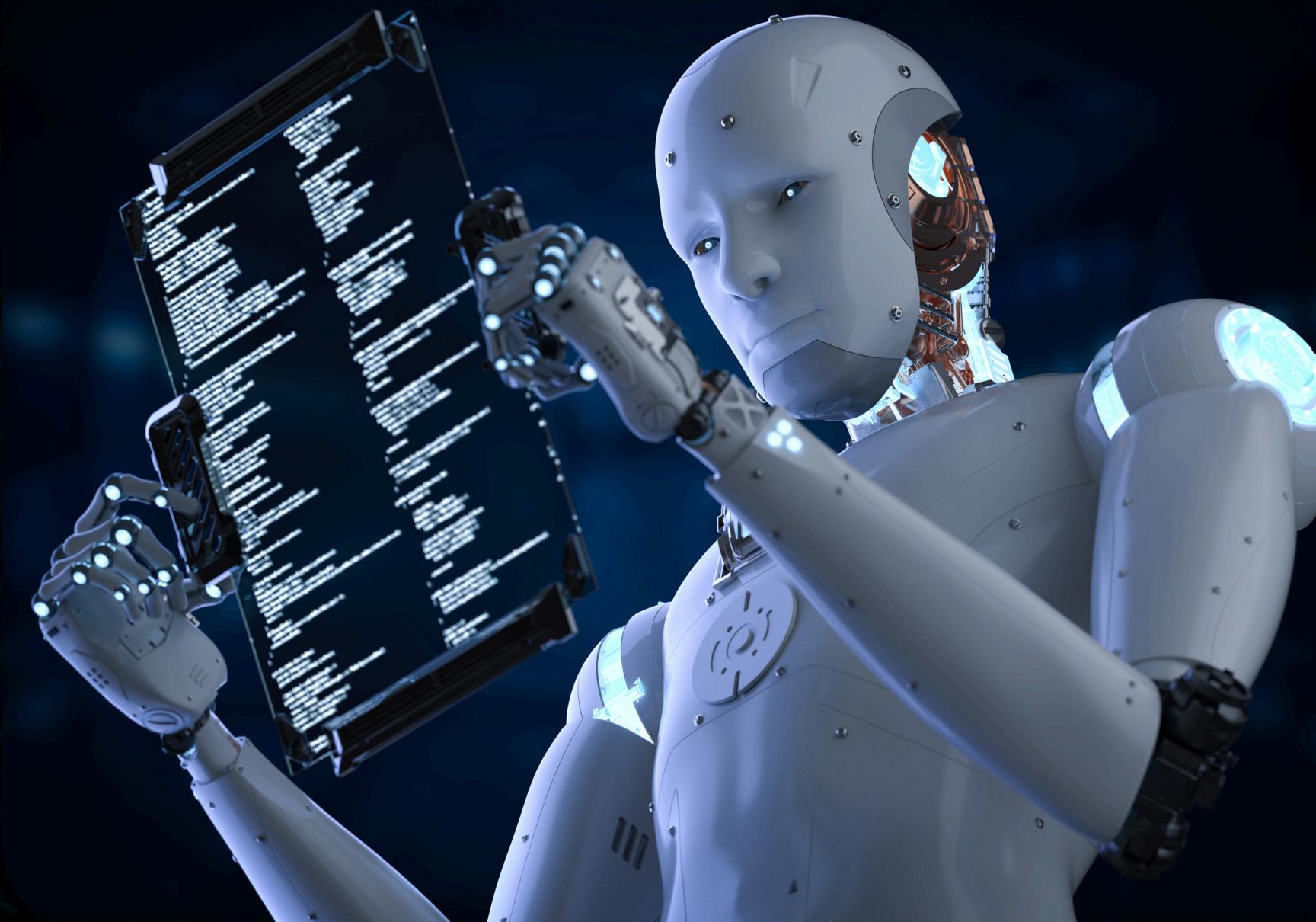
- Fraud detection agents: AI monitors transactions 24/7 and flags suspicious activity instantly (like at banks).
- Robo-advisors: Apps like Betterment use AI to manage your investments automatically.
- Customer support agents: AI bots at banks (like Erica from Bank of America) answer questions and guide users.





AI in Customer Service

- AI chatbots: Handle FAQs, order issues, and support tickets without needing a human (like Zendesk AI bots).
- Voice agents: Call centers use voicebots that talk naturally with customers (like Google's Duplex tech).
- Sentiment analysis agents: Monitor customer feedback to detect angry or happy clients automatically.





Thank You

Presented By

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