



# AI Fact and Fiction

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# AI

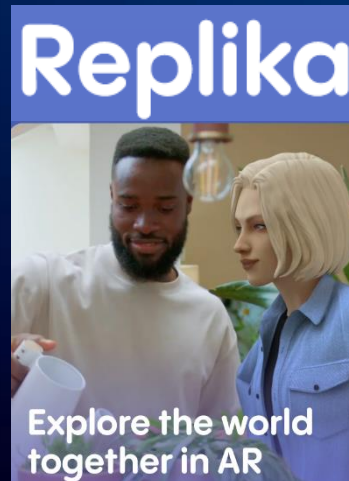
## Fact and Fiction

- Agenda
- AI Definition
- AI Adoption by Companies
- Robots
- Robot Programming
- Smart Cities
- Chat GPT
- Future AI Learning



# AI Definition

- Artificial intelligence (AI) is a branch of computer science that deals with creating intelligent machines that can perform tasks that typically require human intelligence, such as visual perception, speech recognition, decision-making, and language translation. AI systems can be designed to learn from experience and adapt to new inputs, allowing them to perform tasks that they were not explicitly programmed to do. AI is used in many applications, including natural language processing, robotics, computer vision, machine learning, and expert systems, and has the potential to revolutionize many industries and aspects of society.



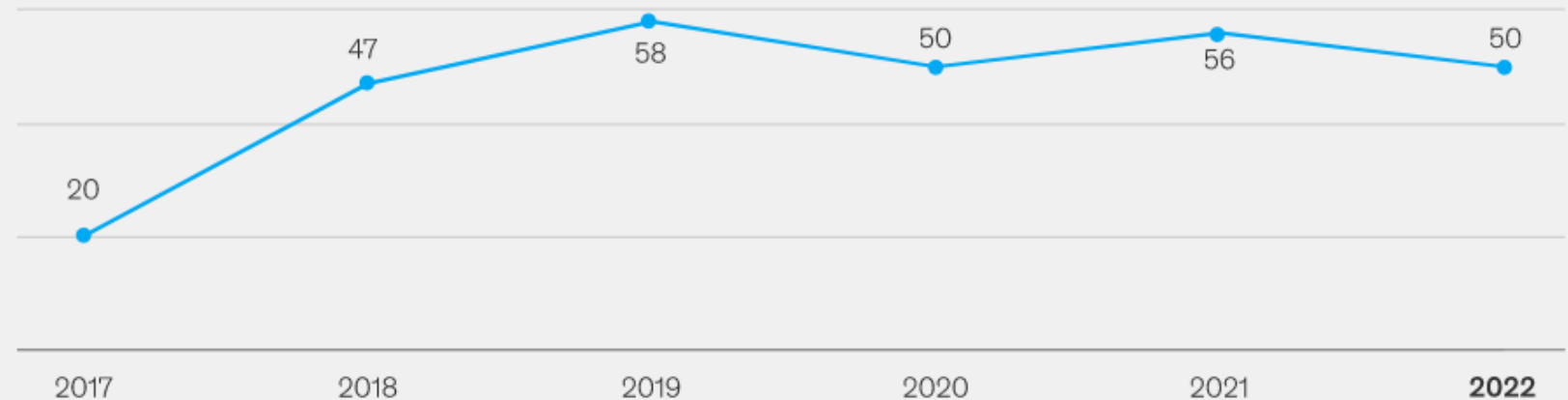


# AI Adoption by Businesses

- Only 50 per cent of businesses have incorporated some sort of AI into their business unit or function.
- The issue is expense and lack of qualified personnel to incorporate the AI or understand how it will improve business.

While AI adoption globally is 2.5× higher today than in 2017, it has leveled off over the past few years.

Share of respondents who say their organizations have adopted AI in at least one business unit or function, %



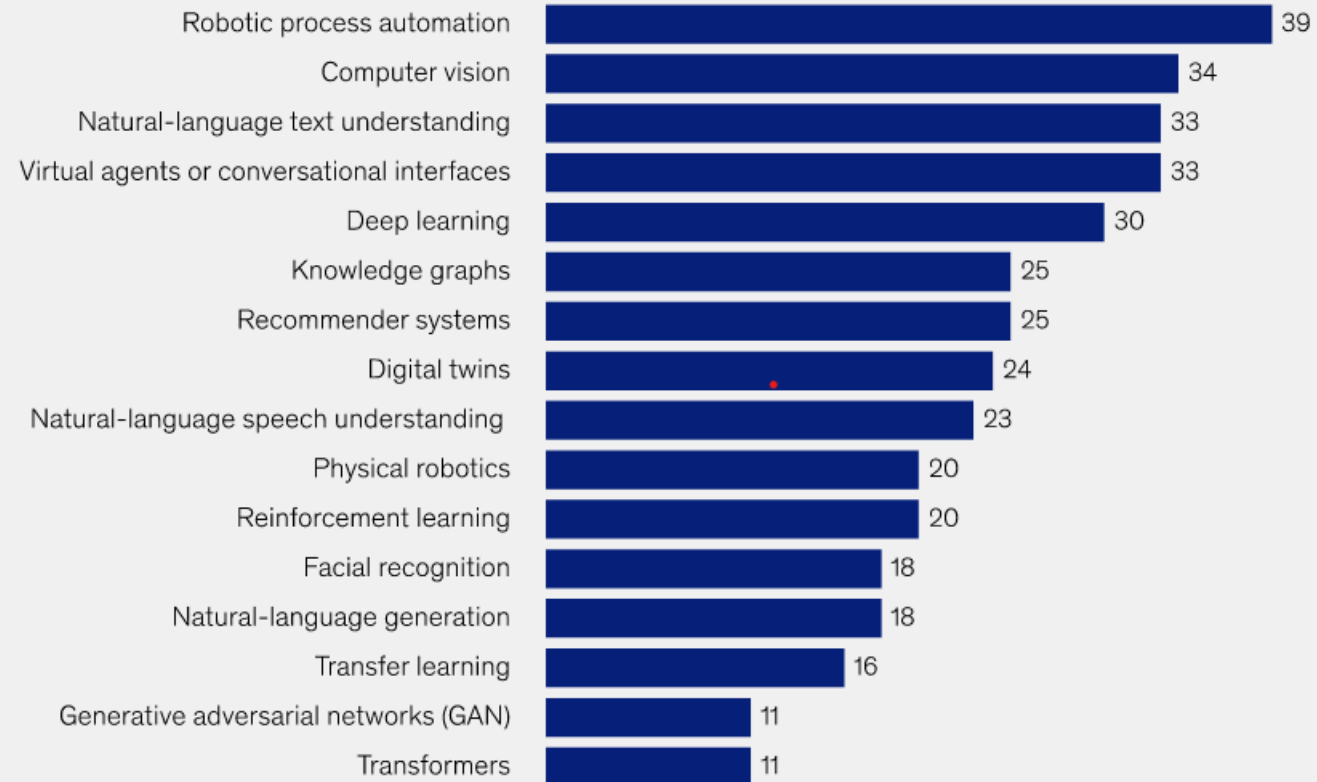
McKinsey & Company



# AI

## Imbedded in Product or Process

- Among these capabilities, robotic process automation and computer vision have remained the most commonly deployed each year, while natural-language text understanding has advanced from the middle of the pack in 2018 to the front of the list just behind computer vision.



<sup>1</sup>The number of capabilities included in the survey has grown over time, from 9 in 2018 to 15 in the 2022 survey.

<sup>2</sup>Question was asked only of respondents who said their organizations have adopted AI in at least one function.

McKinsey & Company



# AI Robots

- Advanced in robotics has come a long way.
- Service Robots are the most common but companies have developed agile and compact machines.





# AI Robot Programing

- Advancements in robotics have come a long way.
- Service Robots are the most common but companies are developing more agile and compact machines.
- Labor-intensive countries contribute to the global value chain, but are now being replaced by robots in advanced countries.





# AI Smart Cities

- The World Bank defines the smart cities which rely on a range of technologies—including the internet of things (IoT), mobile solutions, big data, artificial intelligence (AI), and blockchain.







# AI Chat GPT

- Chat GPT has been banned in some countries including Russia, China, Egypt, Iran, Ukraine, North Korea, Italy, Cuba, and Syria where internet censorship exists.
- Reasons for the ban:
  - Privacy Of Data .
  - No Age limit .
  - Concerns over the illegal collection of personal data.
  - The lack of guardrails to prevent minors from using the chatbot.
  - Threat To Country Security.





# AI

## Future AI Learning

- AI will continue to be integrated into products and processes.
- Governments will embrace, limit or ban AI.
- Students and companies will utilize AI to build a world where many consumers don't realize that AI is incorporated in a product.
- AI must be used ethically and responsibly.
- AI and ML will transform the scientific method.
- AI will become a pillar of foreign policy.
- AI will enable next-gen consumer experiences.
- Addressing the climate crisis will require AI.
- AI will enable truly personalized medicine.



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Thank you!  
Questions?