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# AI: The Future of Digital Transformation

Opportunities and challenges of Artificial Intelligence in 2024

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# AI in Media: Positive and Negative

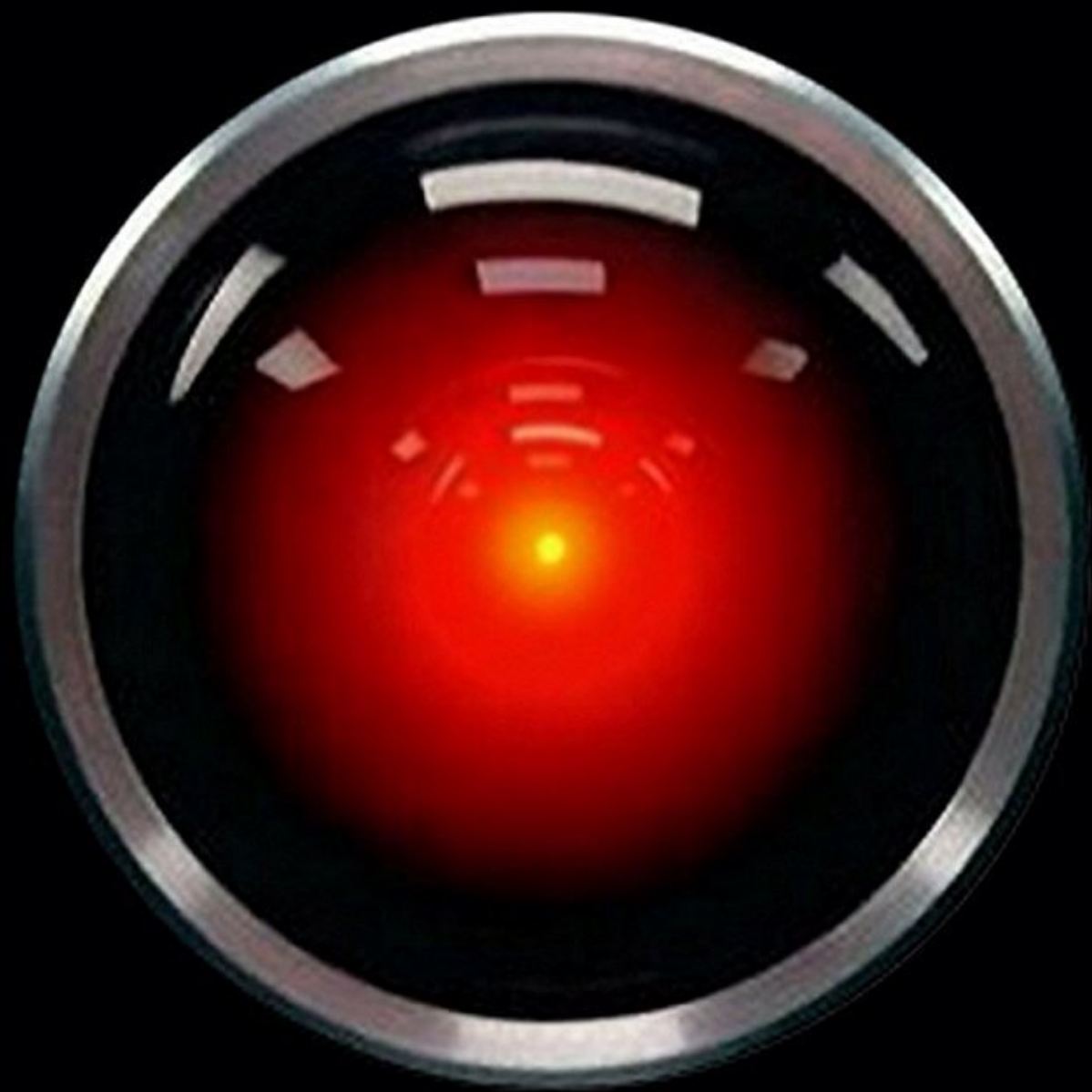
## Positive Portrayals of AI in Media

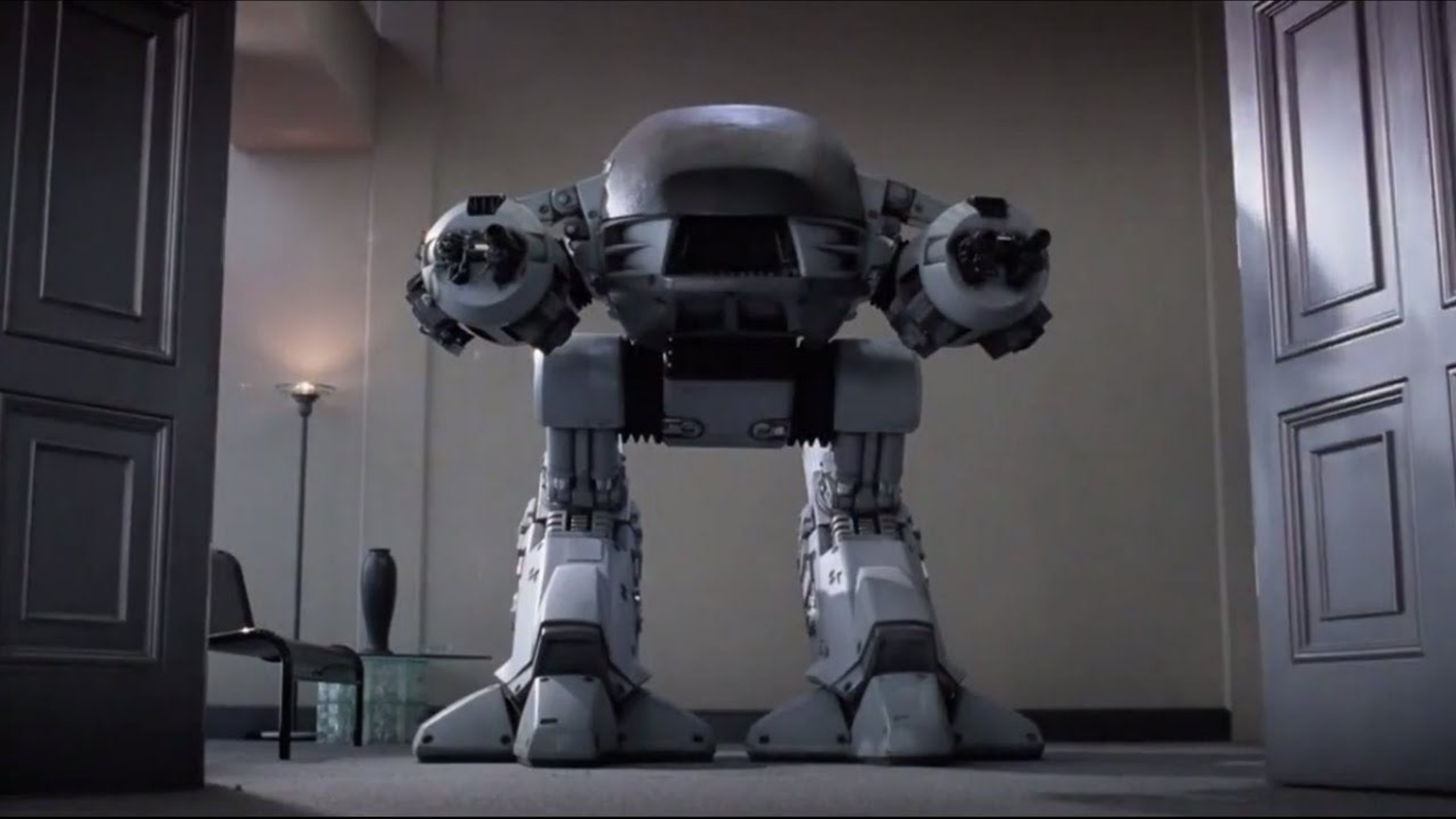
AI is often portrayed positively in the media, with depictions of intelligent and helpful robots in movies such as 'Data' from Star Trek and 'Wall-E'. These portrayals create a positive image of AI and inspire innovation in the field.

## Negative Portrayals of AI in Media

However, AI is also portrayed negatively in the media, with depictions of evil and dangerous robots in movies like 'The Terminator' and 'Ex Machina'. These portrayals create fear and distrust towards AI possibly slowing innovation.







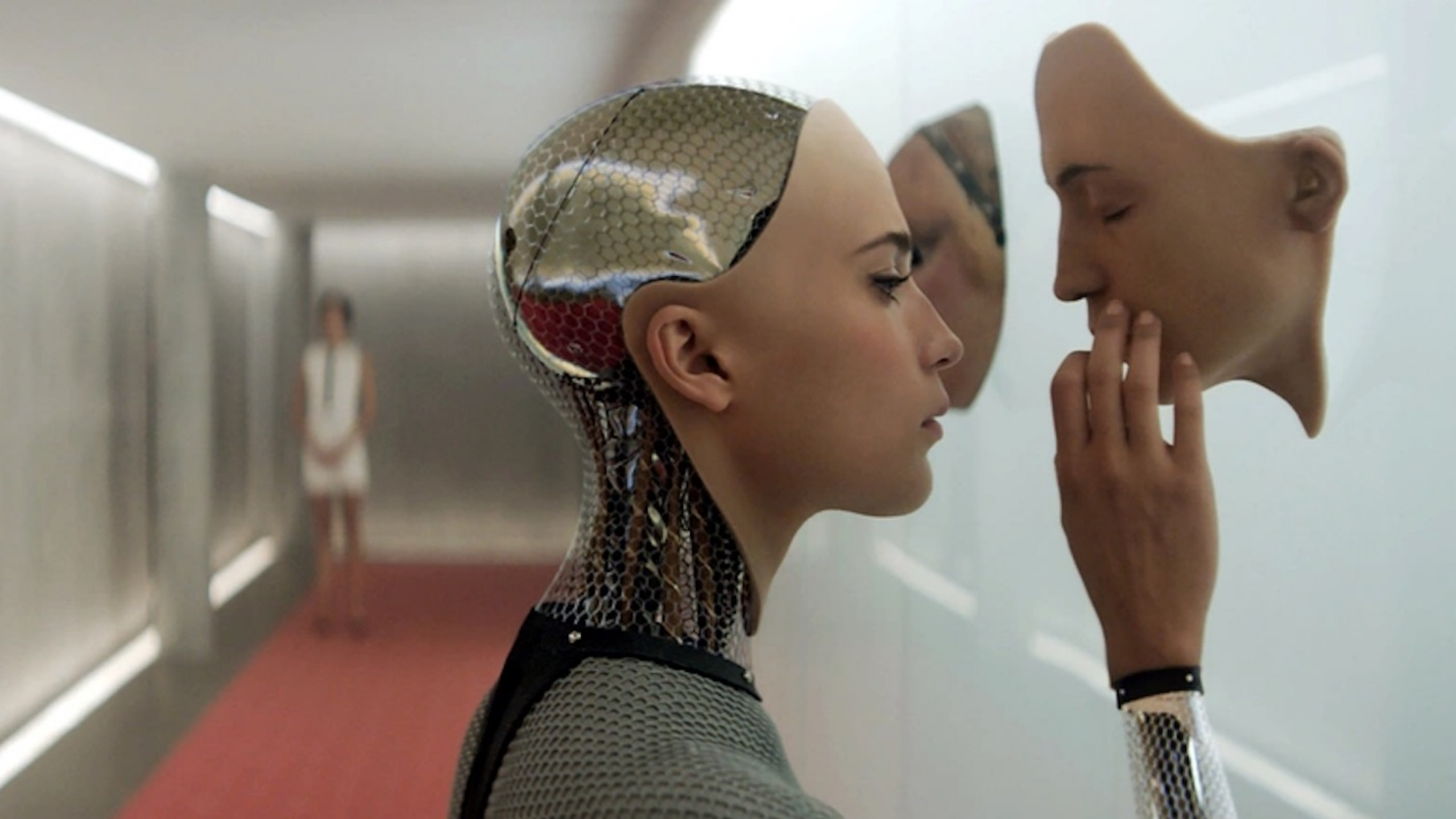


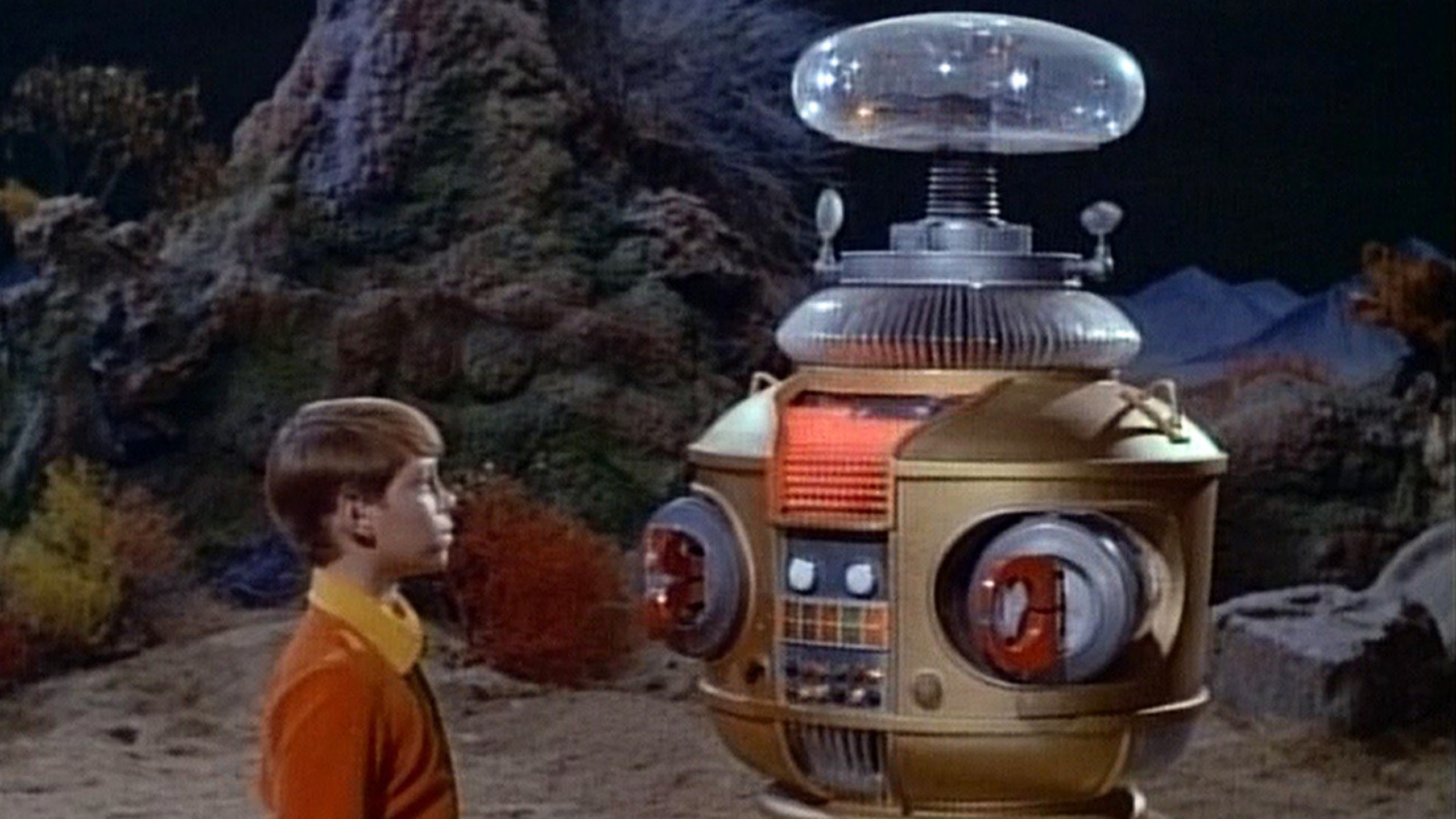




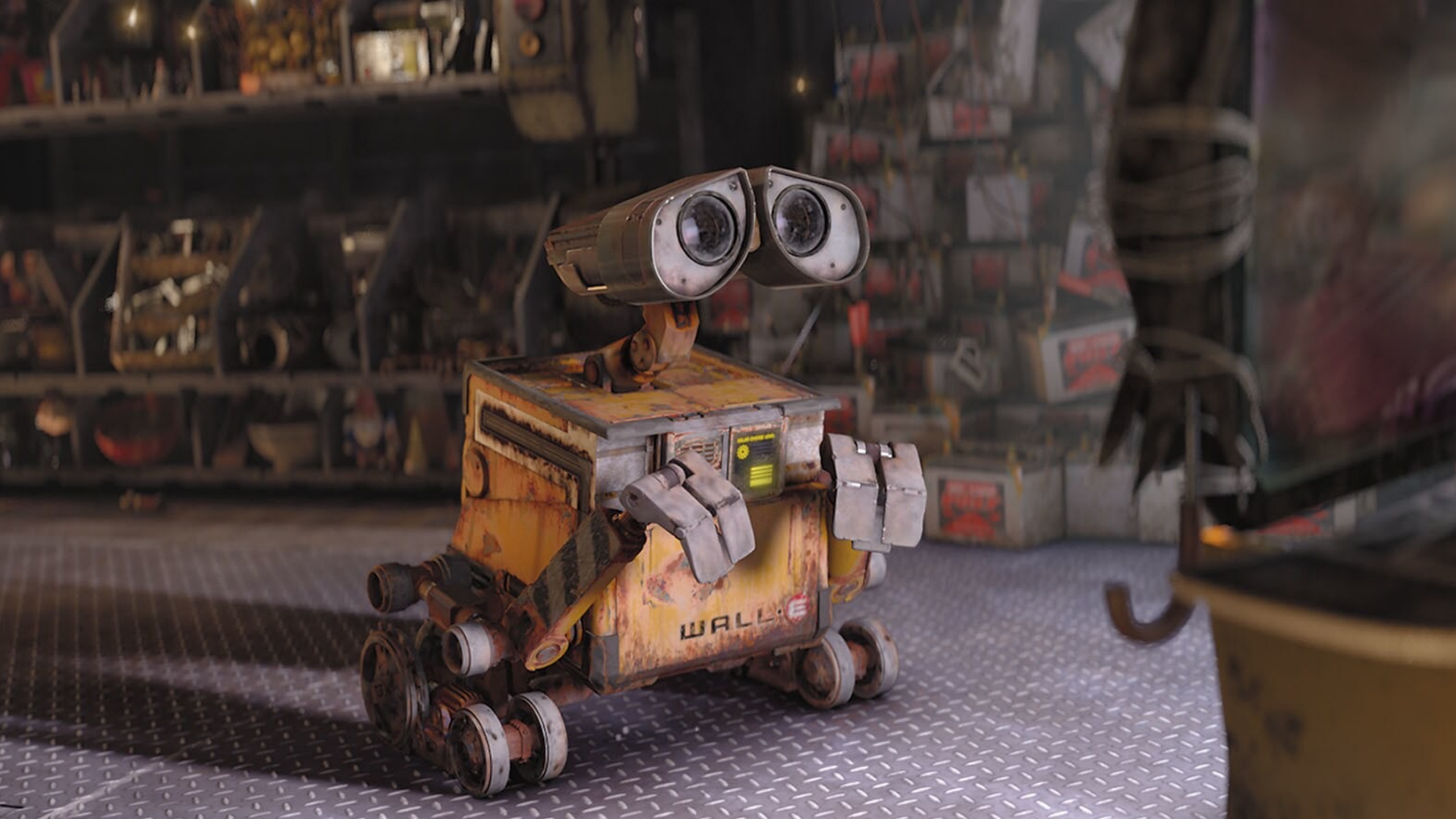














# AI in Media: Positive and Negative

## Public Perception of AI

Public perception of technology is often shaped by its portrayal in the media. However, it is important to remember that AI is a tool and its use can be positive or negative depending on how it is developed and used.



# A Recent History of AI

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## IBM Deep Blue

In 1997 the IBM supercomputer "Deep Blue" defeated chess grandmaster Garry Kasparov in a six game match by winning two games and drawing three



# A Recent History of AI

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## IBM Watson

In 2011, IBM's Watson computer program beat two former Jeopardy! champions, Ken Jennings and Brad Rutter, in a historic match. It was a significant milestone in AI history as it demonstrated the potential of AI in natural language processing and question-answering.





THINK



मोचिए

**\$24,000**

Who is Stoker?  
(FOR ONE WELCOME OUR  
NEW COMPUTER OVERLORDS)

\$1,000

**\$77,147**

Who is Bram  
Stoker?

\$17,973

**\$21,600**

WHO IS  
BRAM STOKER?

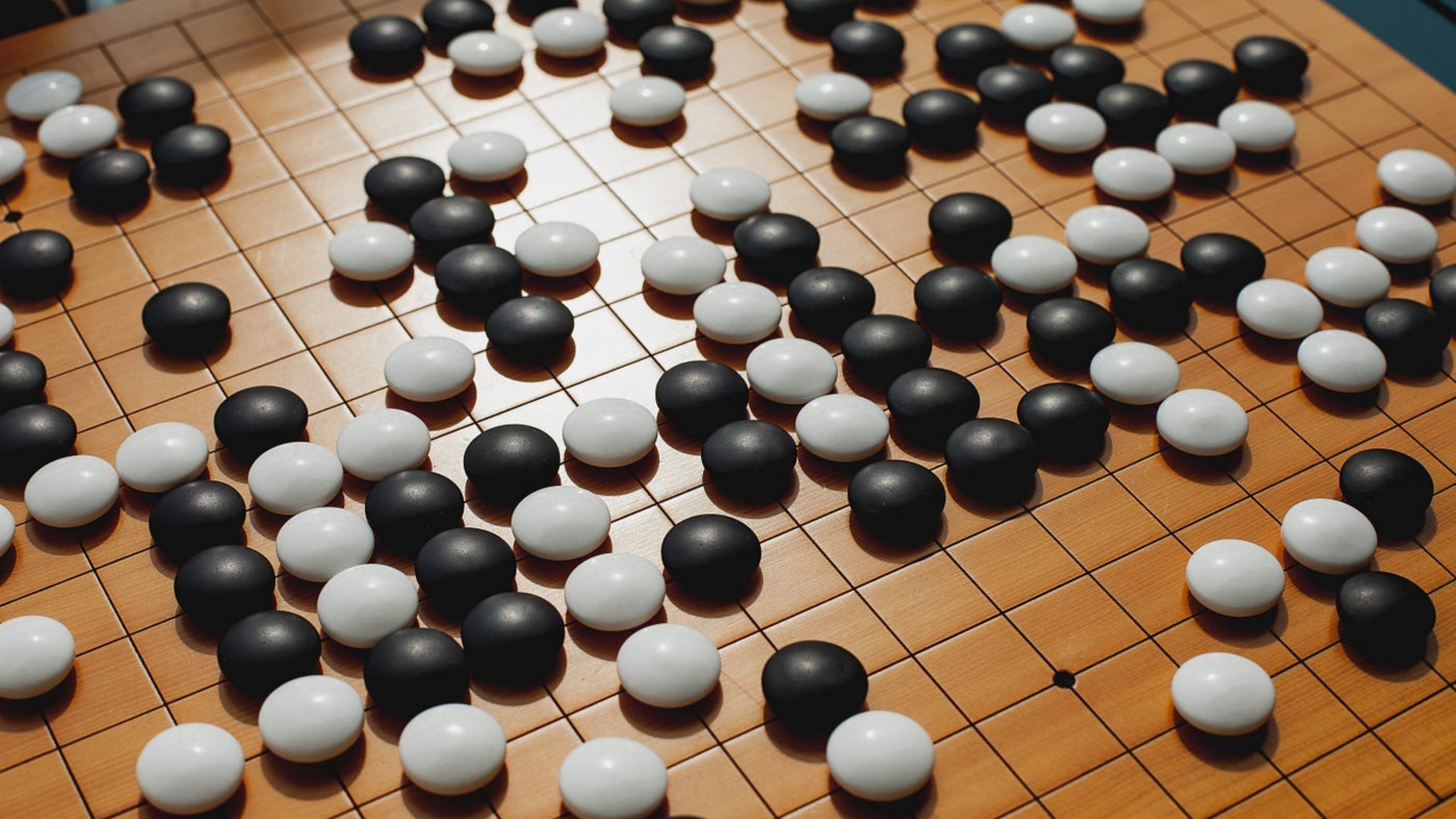
\$5600

# A Recent History of AI

## AlphaGo

In 2016, AlphaGo, a computer program developed by Google DeepMind, beat Lee Sedol, one of the world's top Go players, in a five-game match. This was a significant milestone in AI history as it demonstrated the potential of AI in complex strategy games.





# A Recent History of AI

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## ChatGPT

In 2023 we see the explosion of LLMs with the rapid adoption of OpenAI's ChatGPT. It's natural language interface lowered the barrier of entry and put a powerful AI in the hands of consumers.



# OpenAI

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- **ChatGPT**
  - Chatbot
  - Data Analysis
  - Translation
  - Writing Code
- **Dall-E**
  - Text to Image
- **Sora**
  - Text to Video



# SORA

 OpenAI



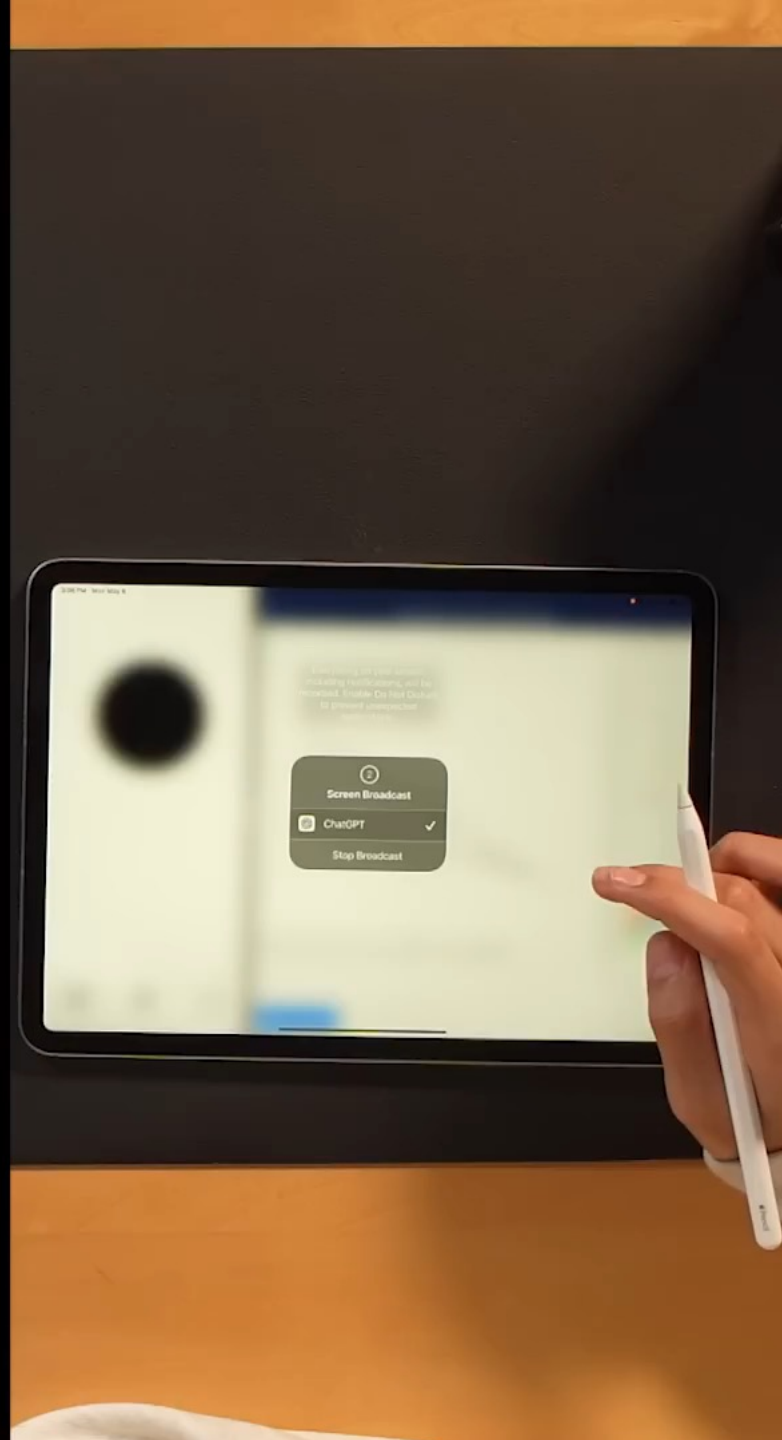
Drone view of waves crashing against the rugged cliffs along Big Sur's Garay Point Beach. the crashing blue waters create white-tipped waves, while the golden light of the setting sun illuminates the rocky shore. a small island with a lighthouse sits in the distance, and green shrubbery covers the cliff's edge. the steep drop from the road down to the beach is a dramatic feat, with the cliff's edges jutting out over the sea. this is a view that captures the raw beauty of the coast and the rugged landscape of the pacific coast highway

Hello GPT-4o



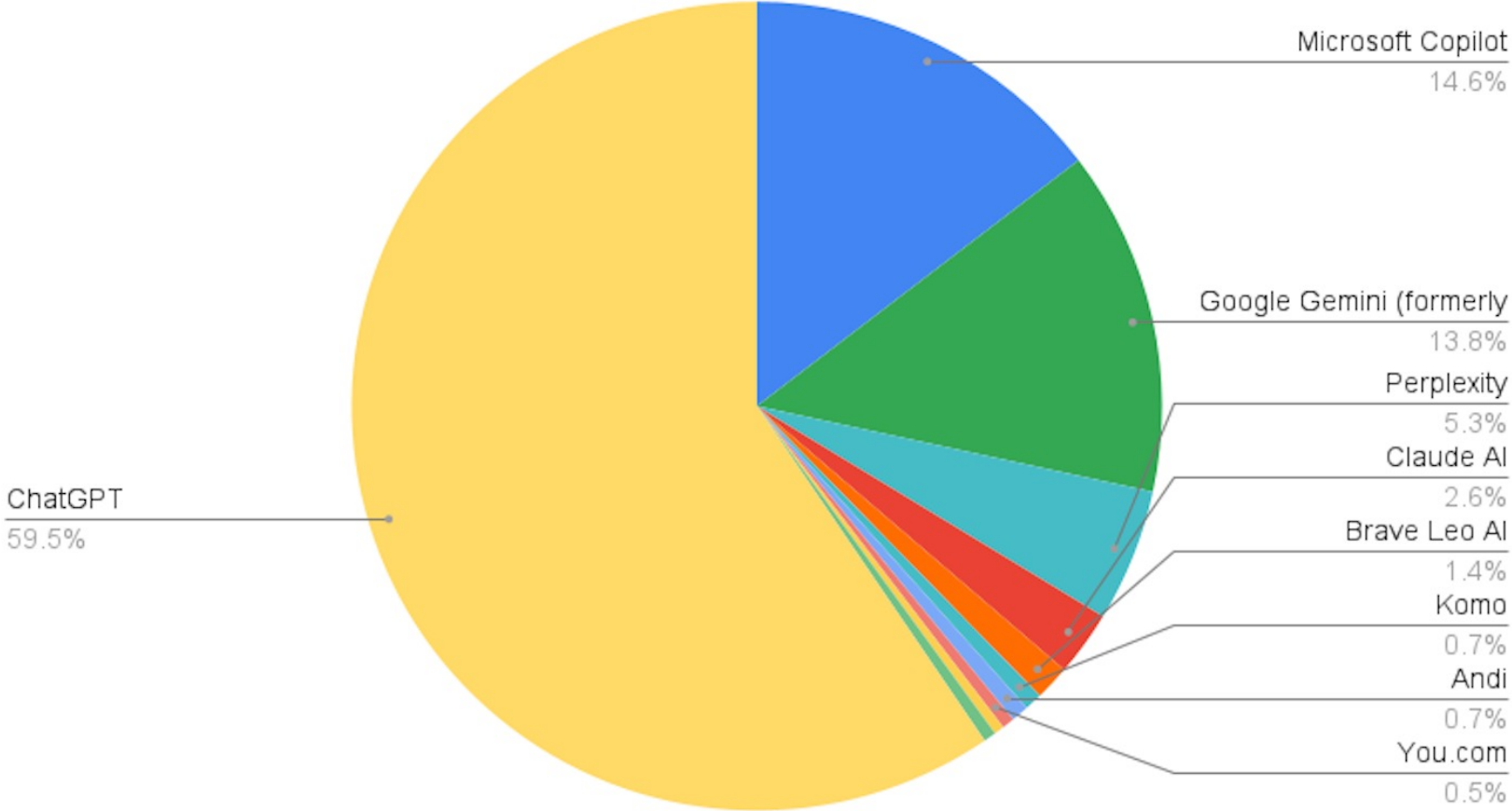








# Generative AI Chatbots by Market Share



# Microsoft Copilot

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- Launched in 2023
- Built on ChatGPT
- Integrated into MS Office Applications



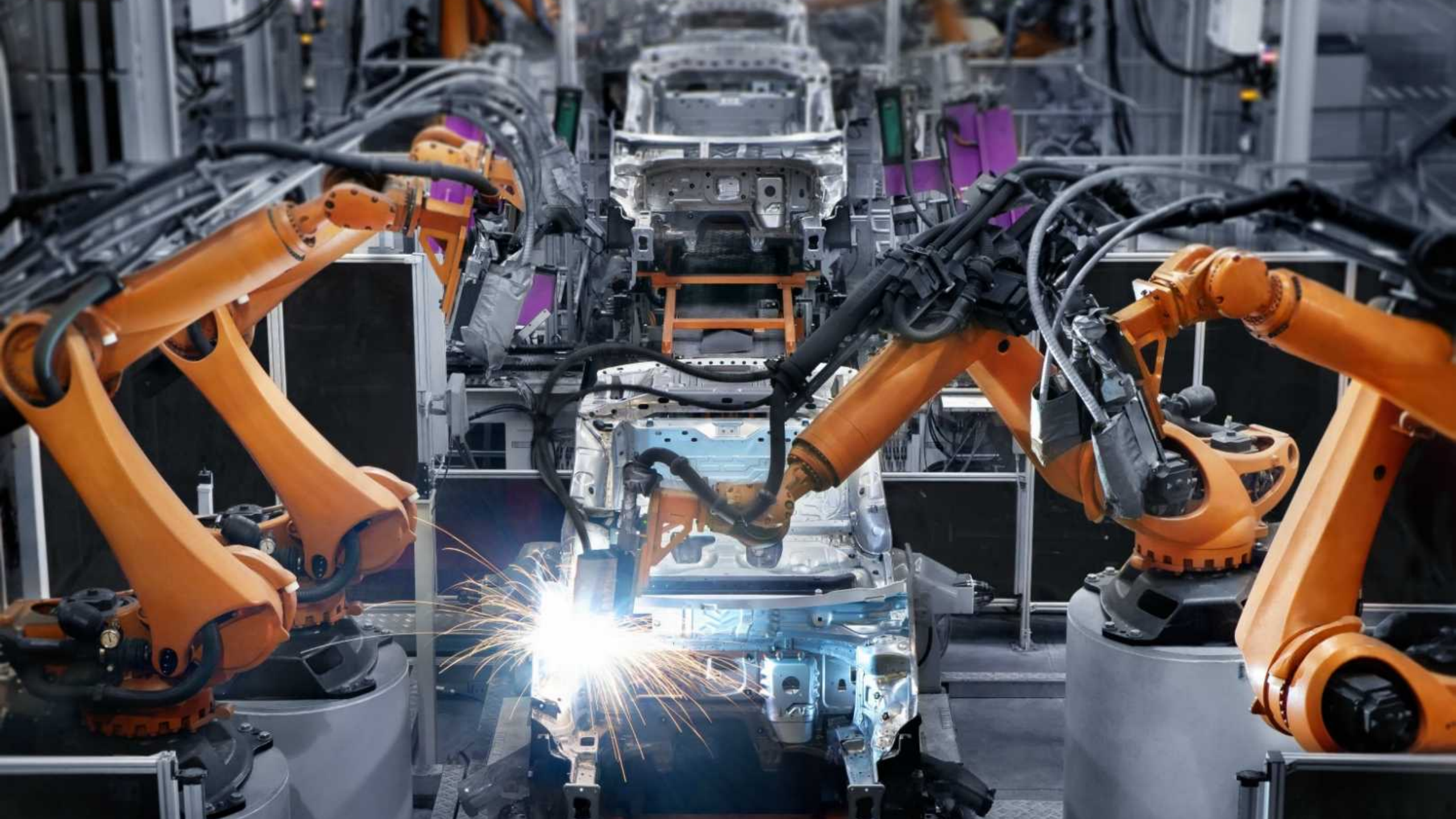
# AI Challenges

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- Data Privacy
  - Bias
  - Data Manipulation
  - Hallucination
  - Energy Consumption





The Robots are Coming





A large warehouse filled with yellow industrial robots working on a production line. The robots are arranged in a long line, each positioned at a workstation. They are surrounded by tall metal shelving units filled with boxes. The floor is polished and reflects the robots and the overhead lights. The scene is brightly lit, with a warm glow from the lights at the end of the aisle.

# Industrial Robots

- Purpose designed
- Efficient
- Narrow Capabilities



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305424



BOT  
CROSSING

WARNING!  
ACTIVE FLOOR

Boston Dynamics



1x



Fourier



O1



Sanctuary AI



Appronik



Agility



Boston Dynamics



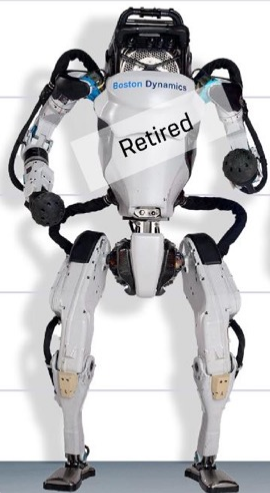
Unitree



Tesla



150cm / 4'11"



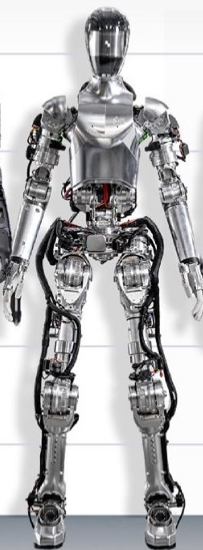
160cm / 4'11"



165cm / 5'5"



167cm / 5'6"



170cm / 5'6"



172cm / 5'8"



175cm / 5'9"



175cm / 5'9"



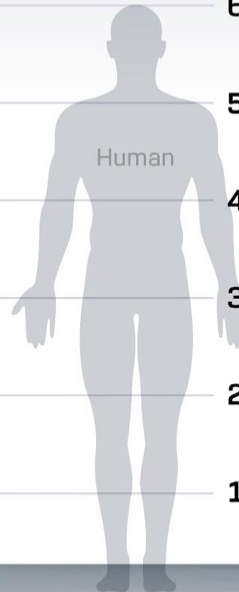
180cm / 5'11"



180cm / 5'11"



Human



6.0'

5.0'

4.0'

3.0'

2.0'

1.0'

103lb | 47kg

121lb | 30kg

121lb | 55kg

132lb | 60kg

154lb | 70kg

159lb | 72kg

146lb | 64kg

🏆 180lb | 80kg

103lb | 47kg

103lb | 47kg

150lb | 68kg

7.4mph | 12kmh

5mph | 8kmh

5mph | 4.3kmh

3mph | 5kmh

7.4mph | 12kmh

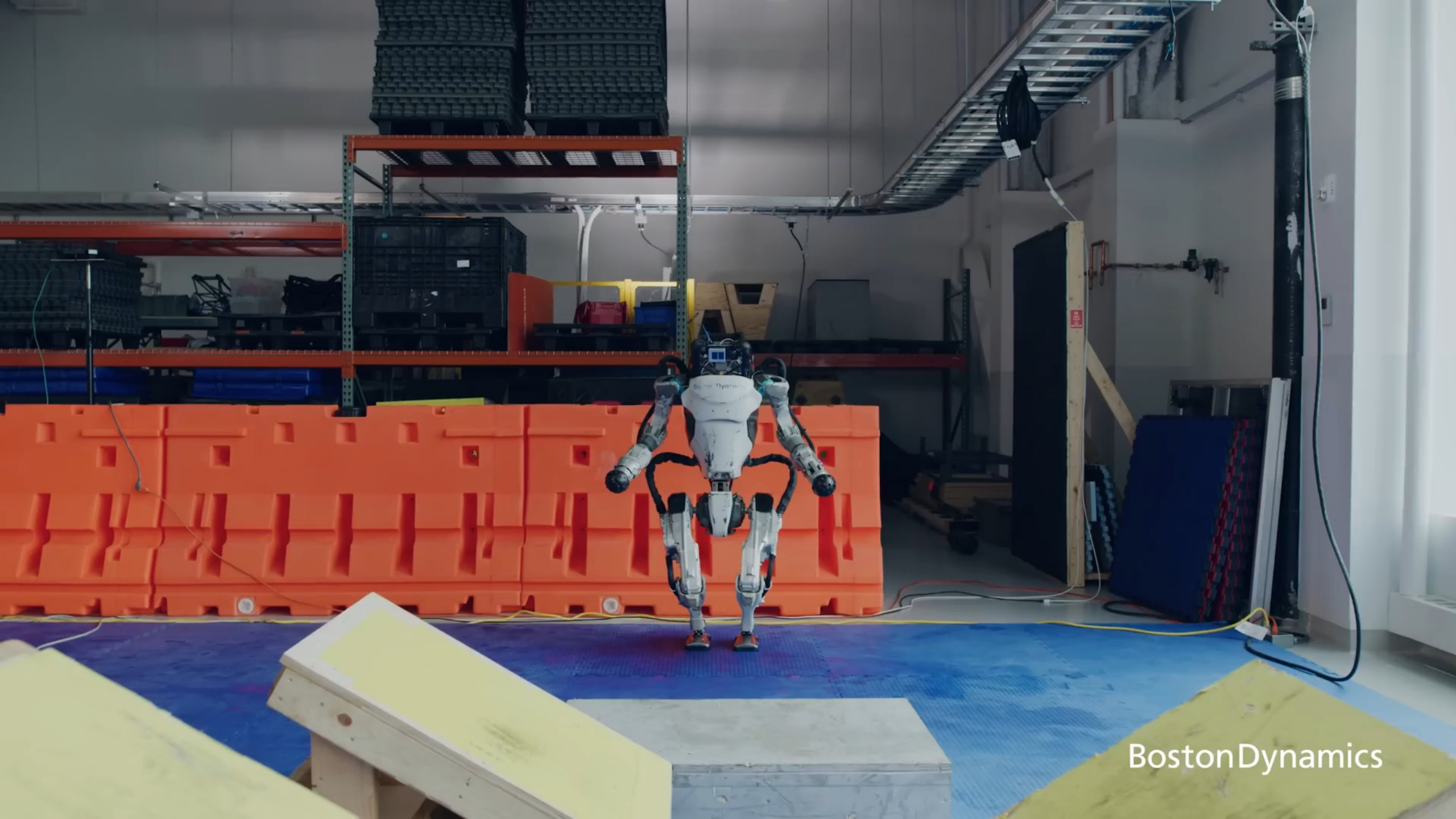
5mph | 5.4kmh

🏆 11mph | 18kmh

5mph | 8kmh

# Humanoid Robots 2024





BostonDynamics







# Tesla - Optimus

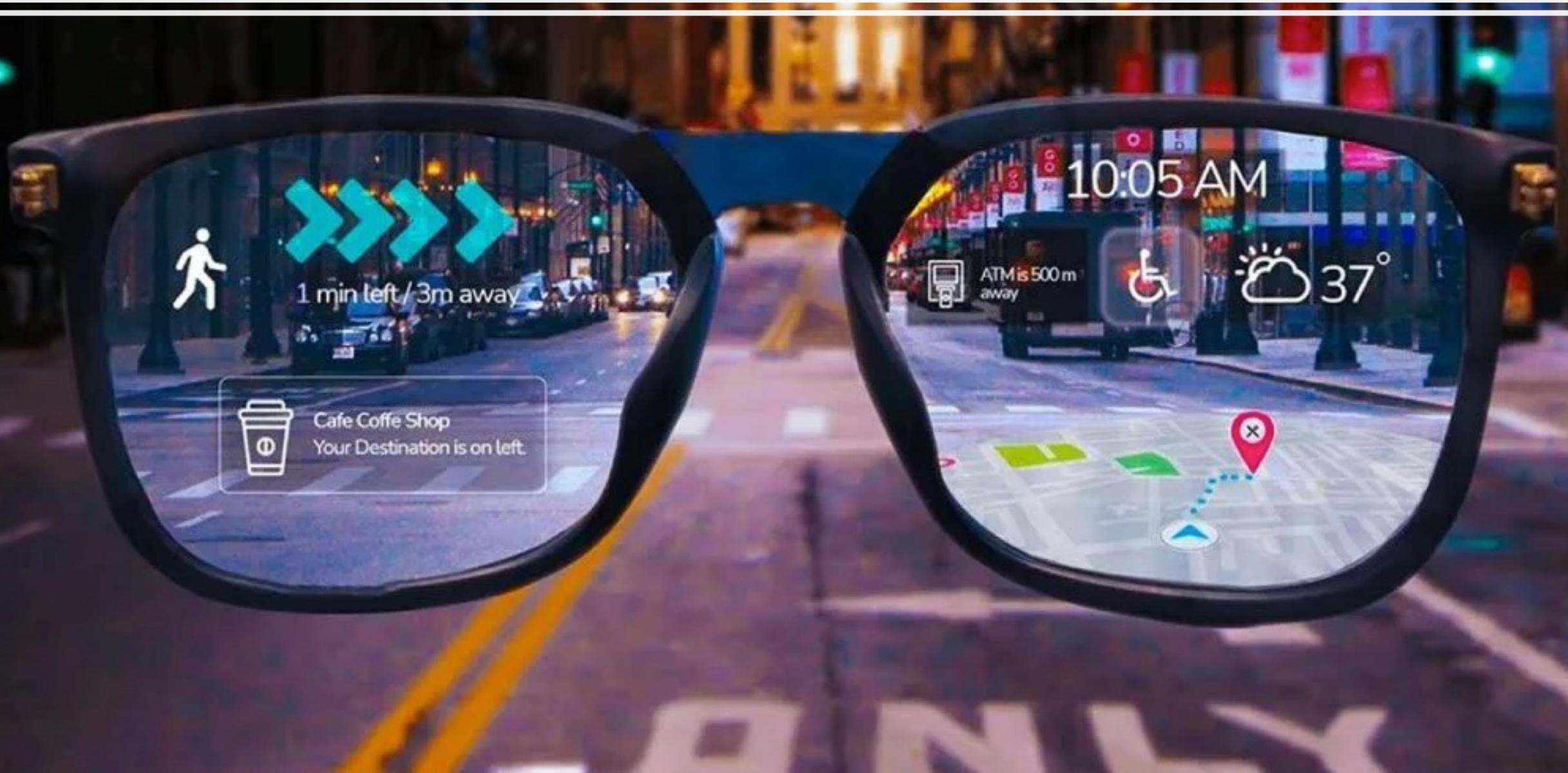
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- Target Price \$25-30k
- Autonomous
- Perform Any Physical Task a Human Can
- Available in 2026





# What's Next?



"The people who are crazy enough  
to think they can change the world  
are the ones who do"

-Steve Jobs

