

Smartrobot.solutions



New arrival 2018



Bob Singer

Joe Barbera

2/100







品牌 型号
CCF-0

品牌 型号

警告

- 请勿在通电状态下拆卸或安装
- 请勿在通电状态下触摸内部零件
- 请勿在通电状态下使用
- 请勿在通电状态下











Image robots



1980



2004



2012



2015





Why so interesting?





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INITIATIVE

INVESTMENT
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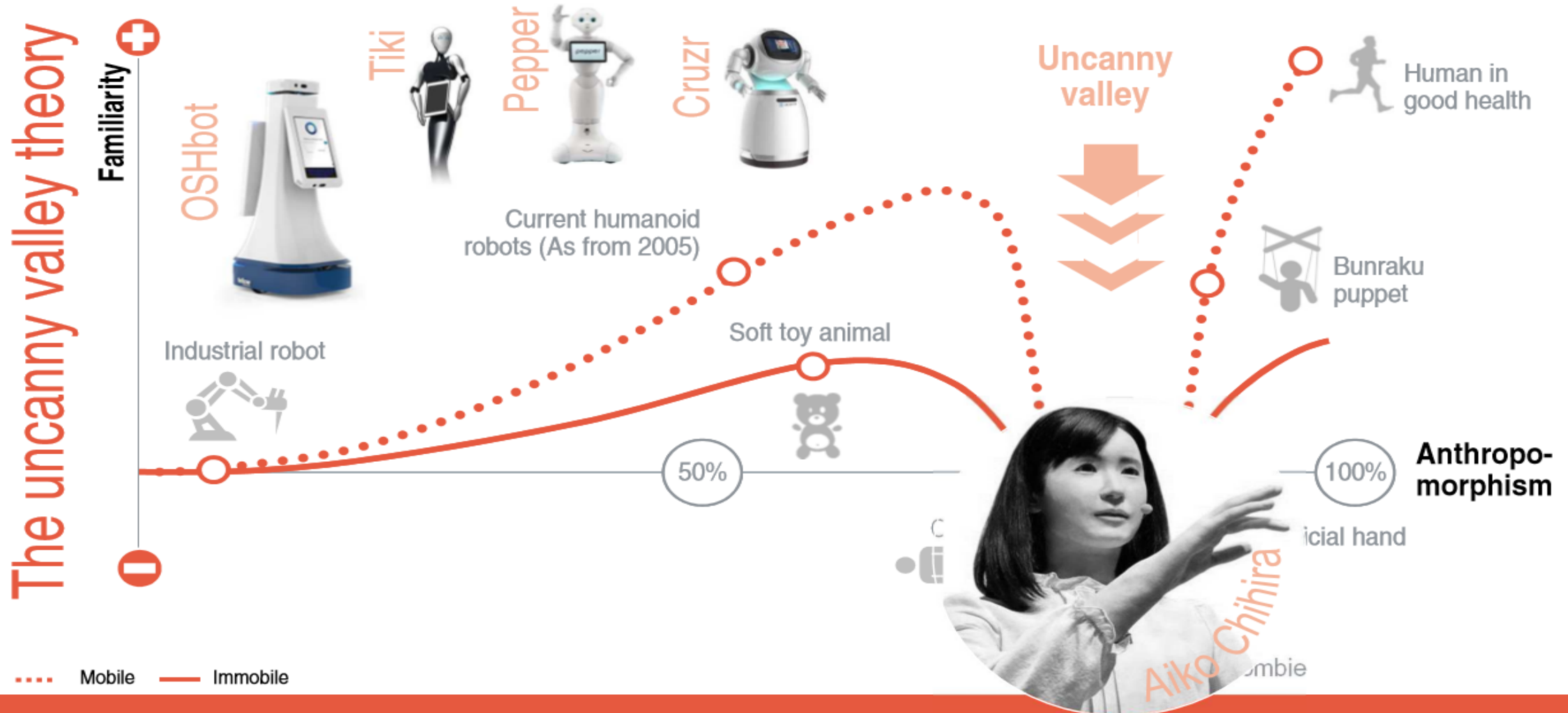
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Powered by the PIF Investment Fund

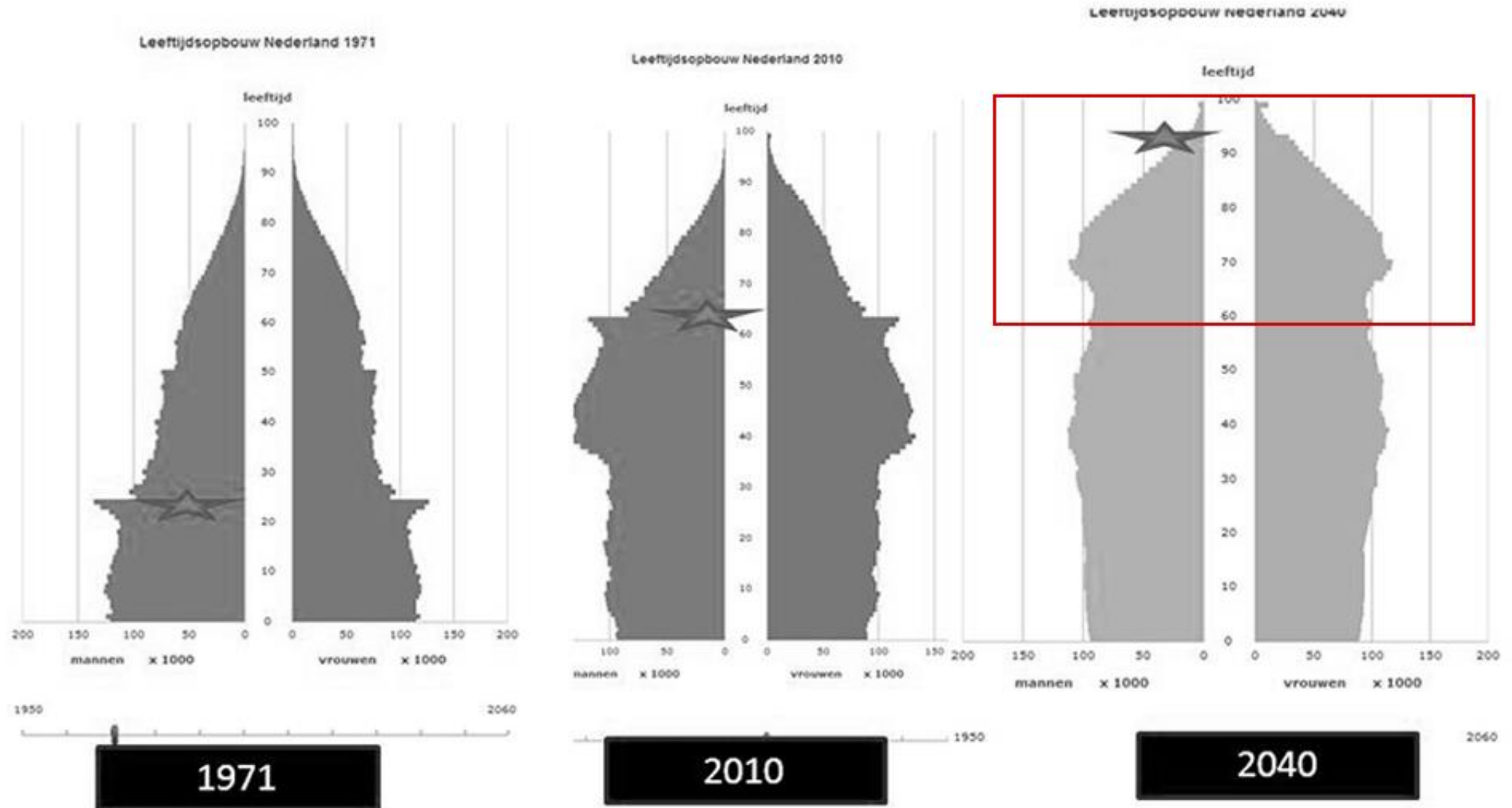
We don't want perfect human-like robots... **It's about finding the best way of helping the customer...**

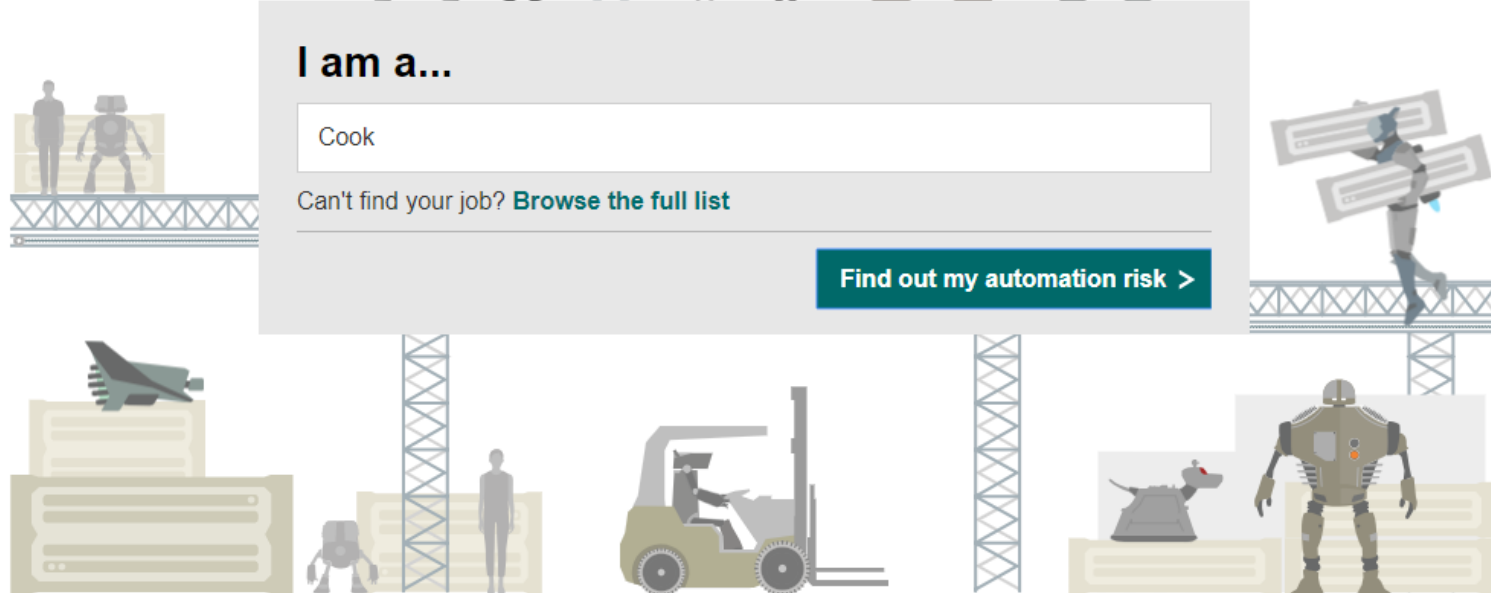






Why so interesting?

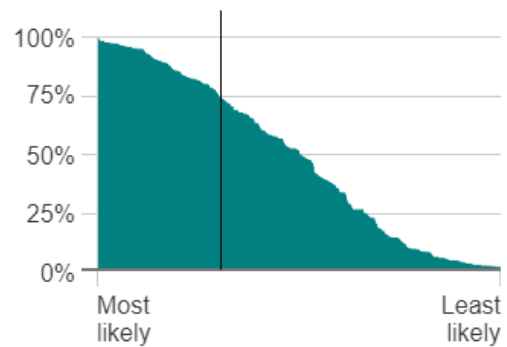


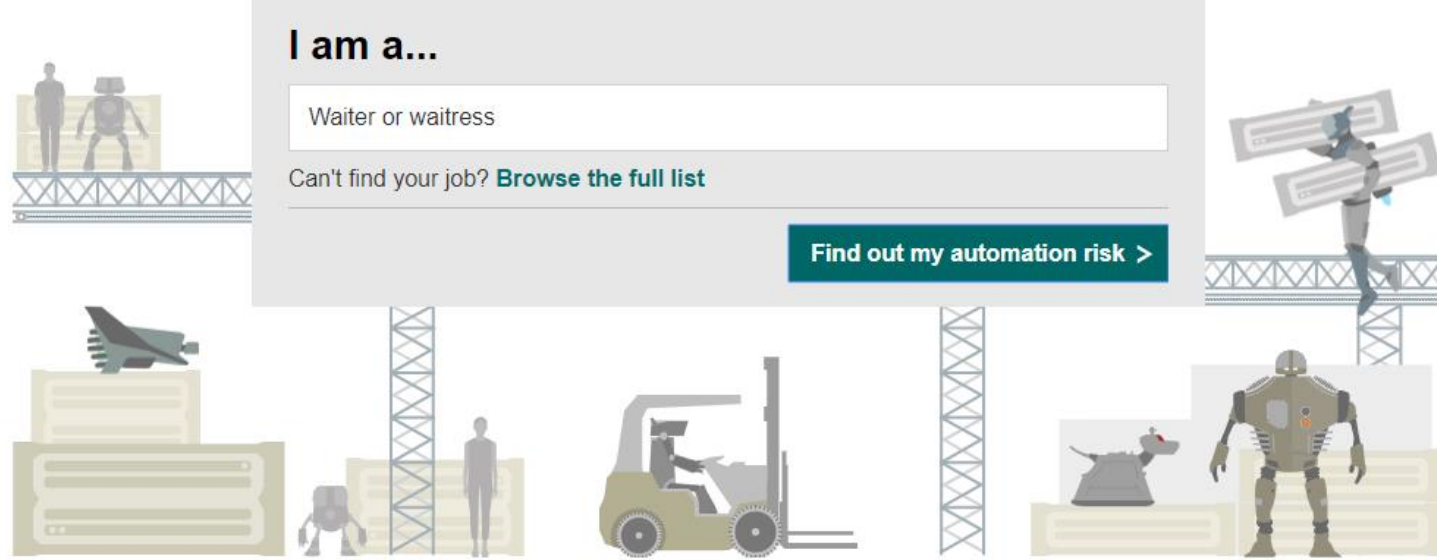


Cooks

Likelihood of automation?
It's fairly likely (73%)

How this compares with other jobs:
112th of 366



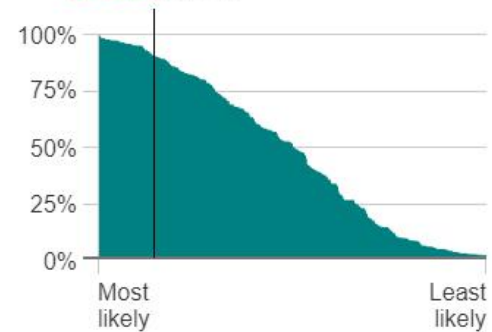


Waiters and waitresses

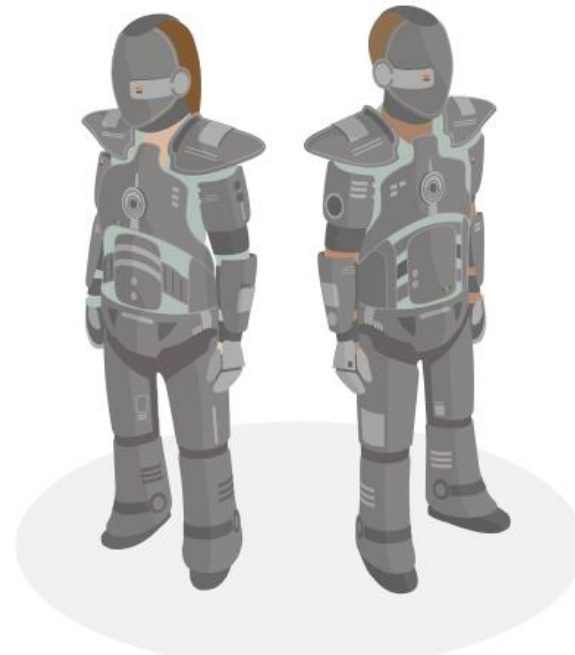
Likelihood of automation?
It's quite likely (90%)

How this compares with other jobs:

52nd of 366



 **Share my result**



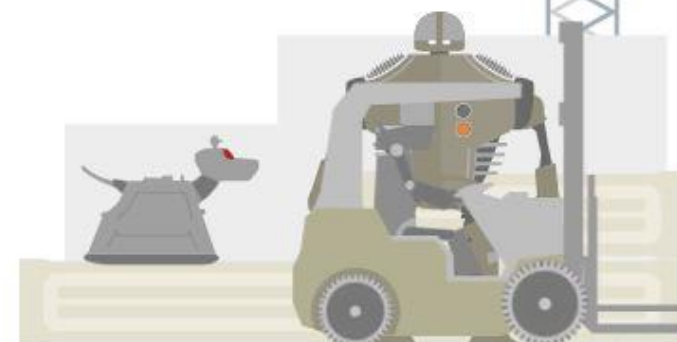
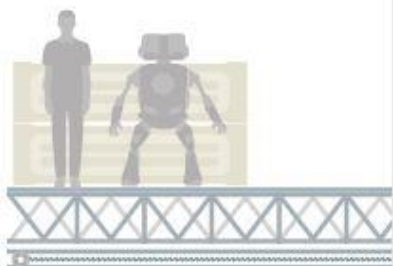


I am a...

Clergy member

Can't find your job? [Browse the full list](#)

[Find out my automation risk >](#)

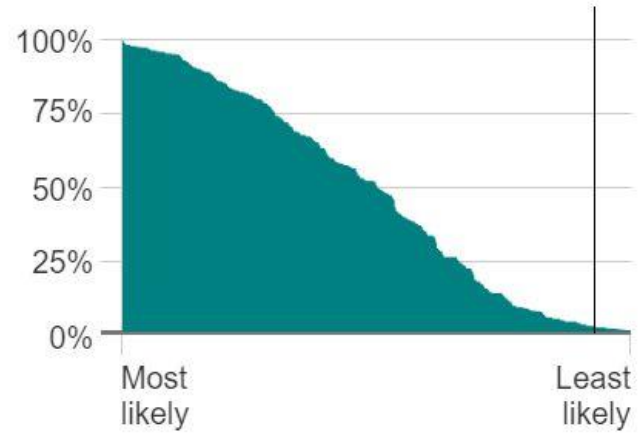


Clergy

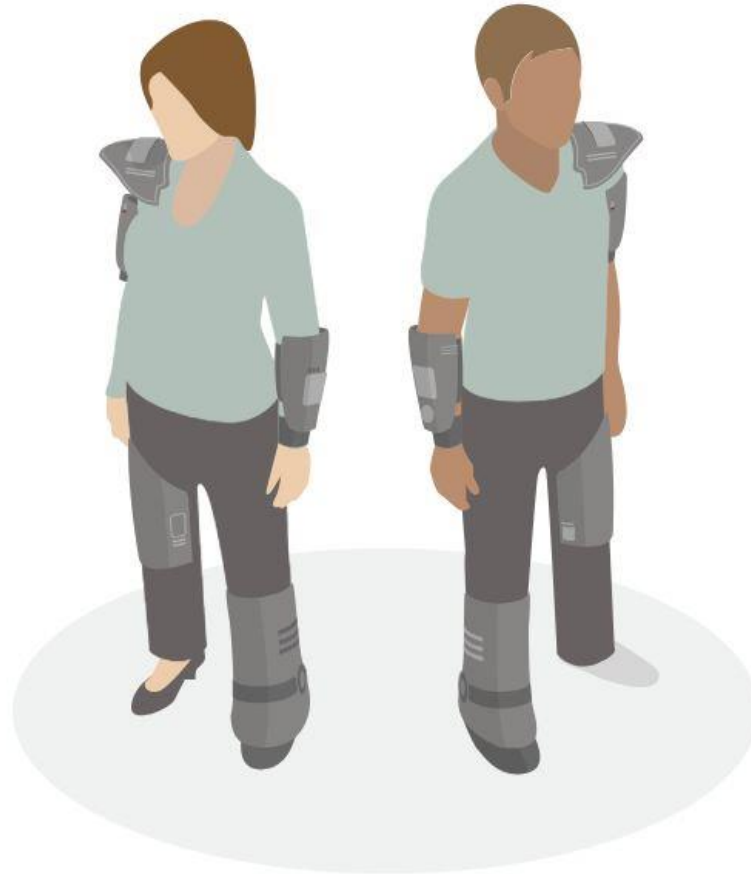
Likelihood of automation?
It's quite unlikely (2%)

How this compares with other jobs:

341st of 366



[Share my result](#)



How **technology** explodes



NASA 1969, 1 MILJARD \$



IPHONE 2013, 350 \$

1 The accelerating pace of change ...

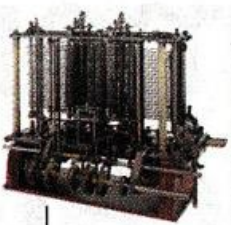


2 ...and exponential growth in computing power ...

Computer technology, shown here climbing dramatically by powers of 10, is now progressing more each hour than it did in its entire first 90 years

COMPUTER RANKINGS

By calculations per second per \$1,000



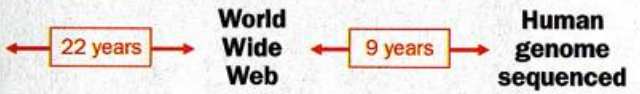
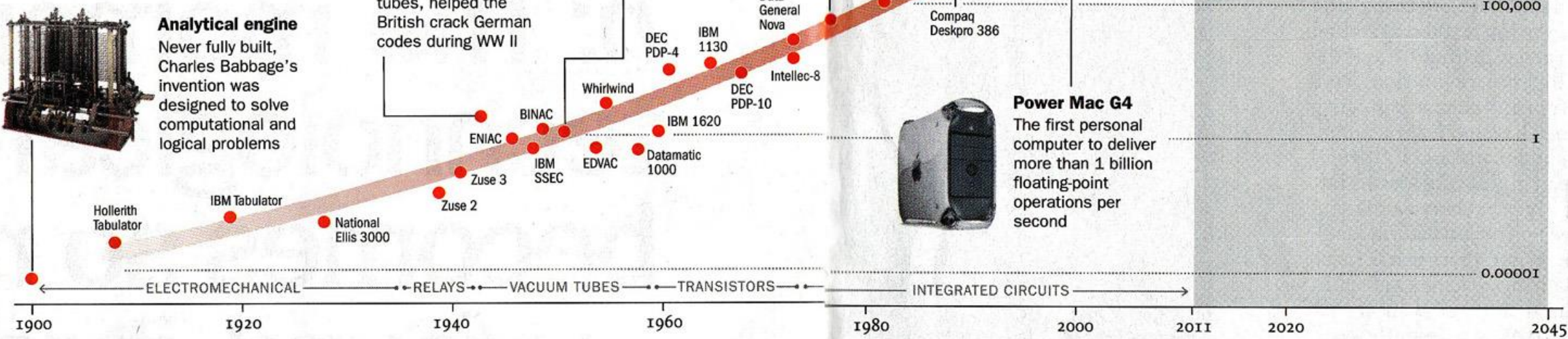
Analytical engine
Never fully built, Charles Babbage's invention was designed to solve computational and logical problems



Colossus
The electronic computer, with 1,500 vacuum tubes, helped the British crack German codes during WW II



UNIVAC I
The first commercially marketed computer, used to tabulate the U.S. Census, occupied 943 cu. ft.



3 ... will lead to the Singularity



Apple II
At a price of \$1,298, the compact machine was one of the first massively popular personal computers



Power Mac G4
The first personal computer to deliver more than 1 billion floating-point operations per second

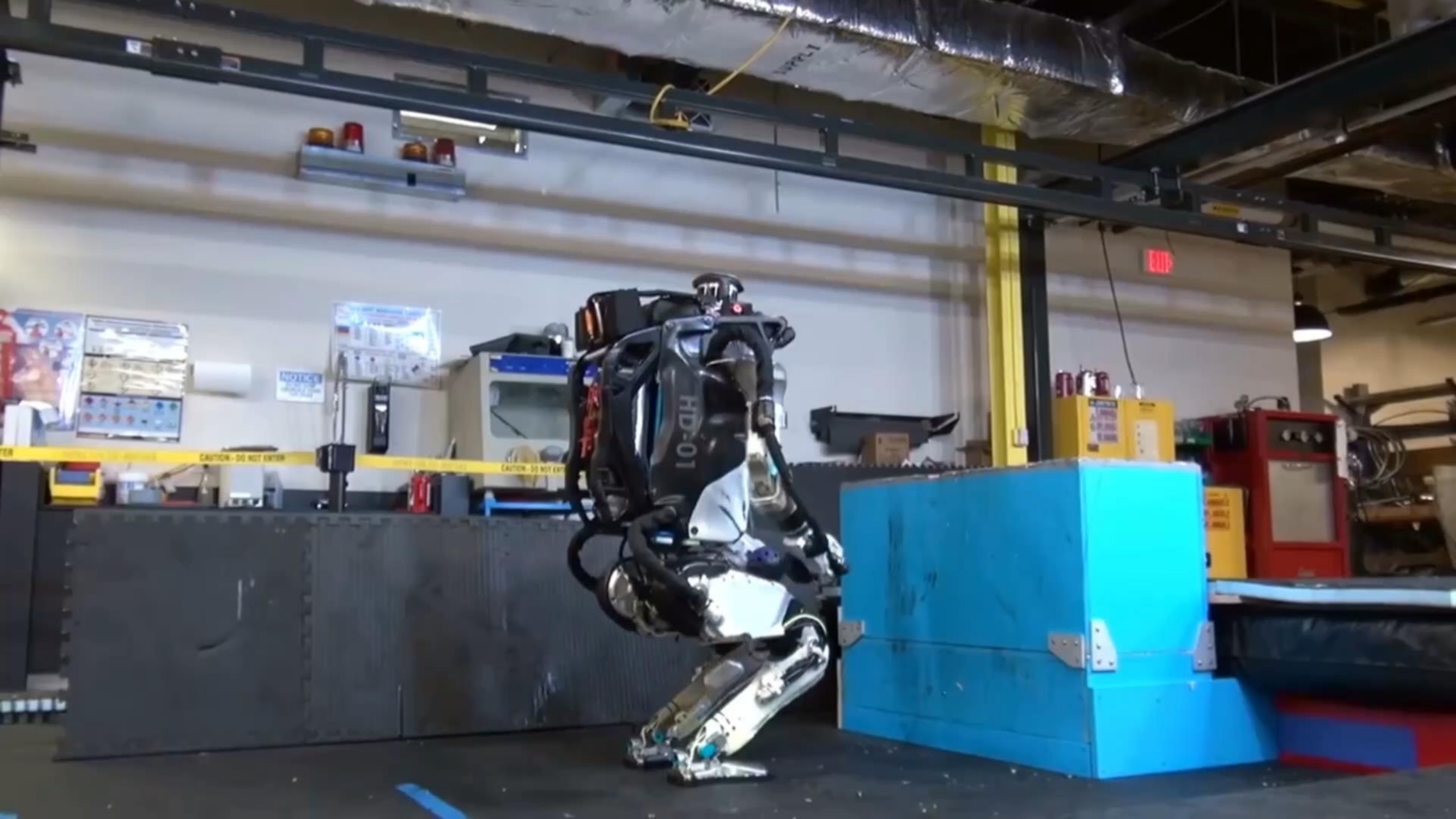
2045
Surpasses brainpower equivalent to that of all human brains combined

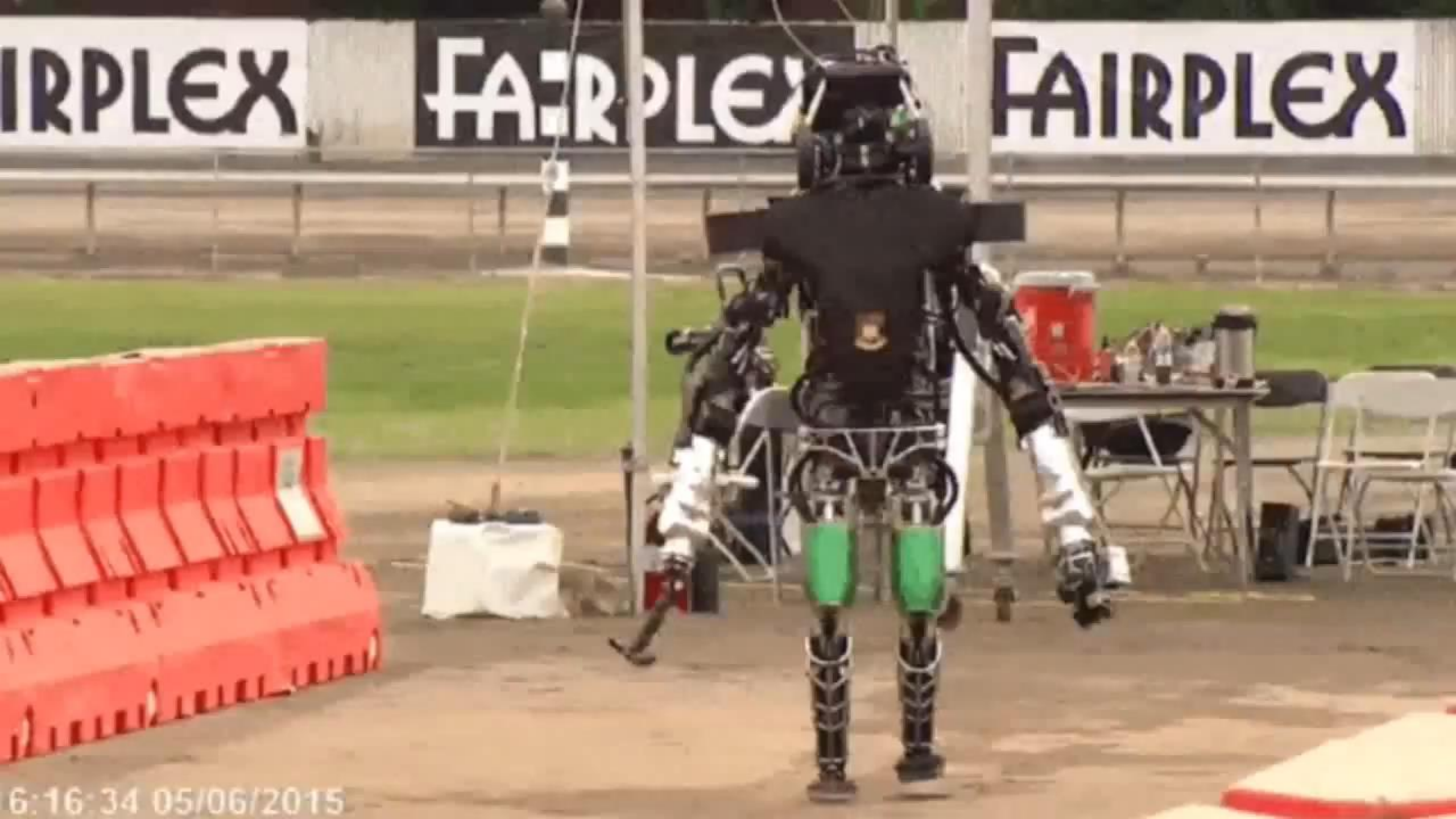
Surpasses brainpower of human in 2023



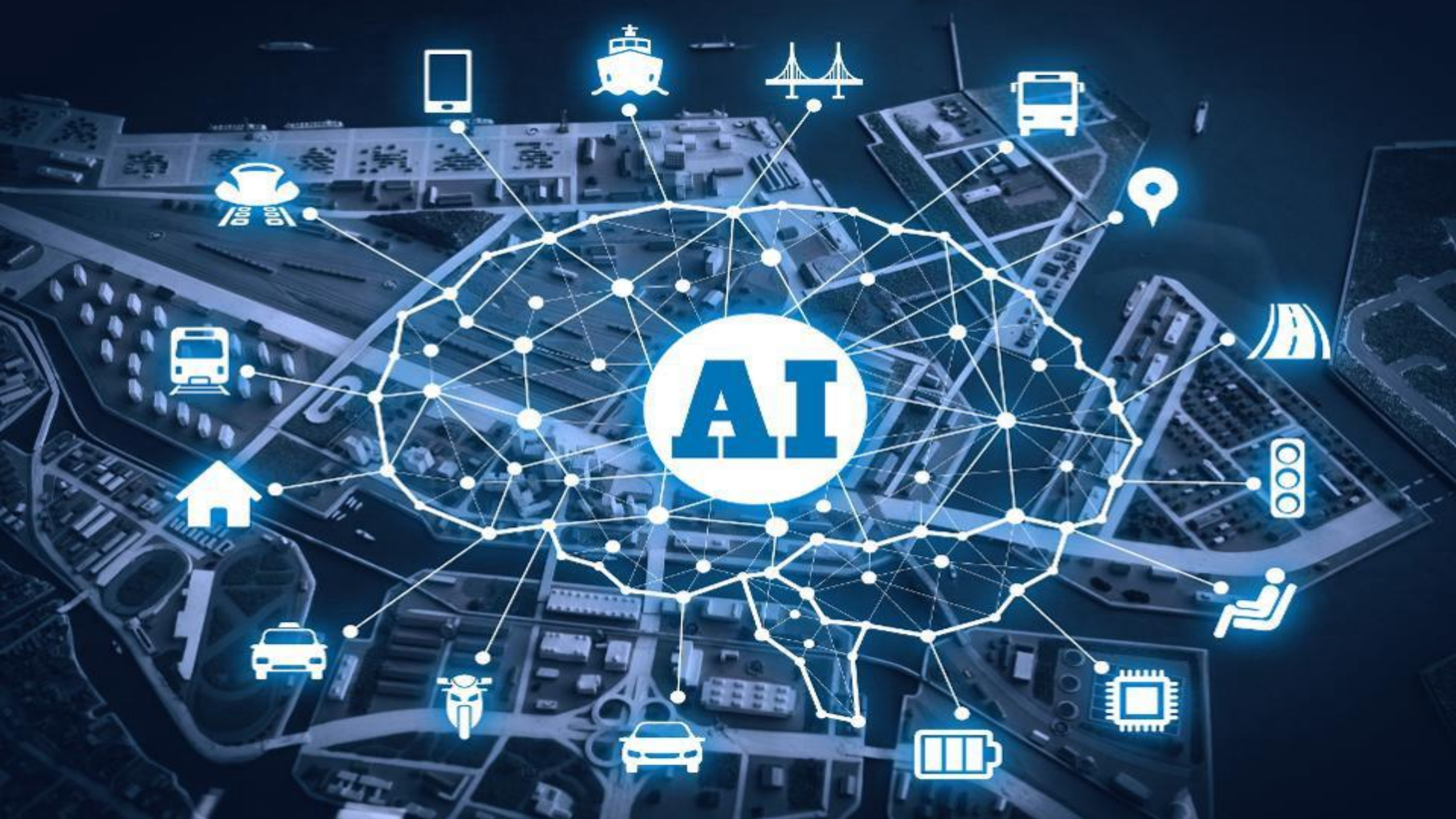
Surpasses brainpower of mouse in 2015







6:16:34 05/06/2015



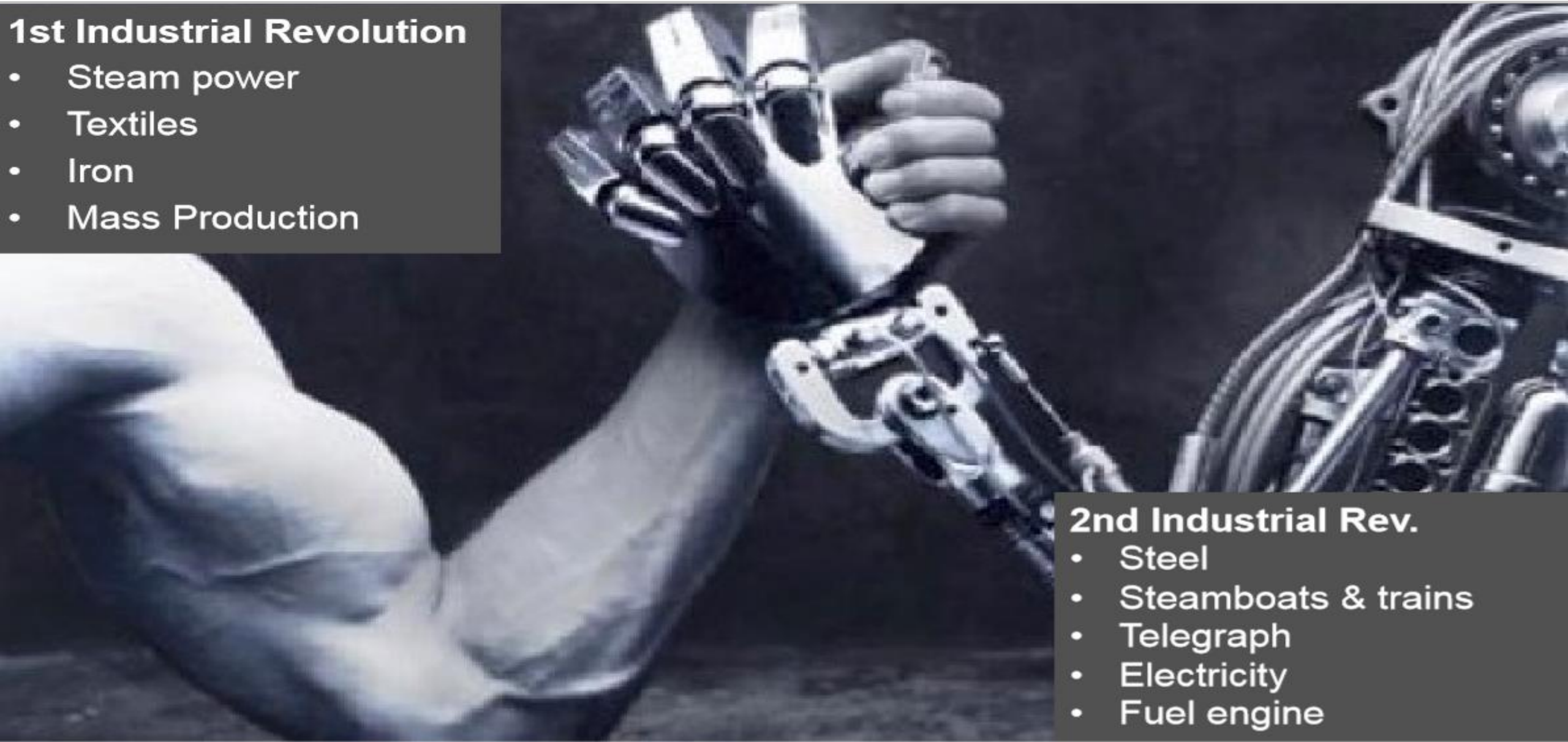


The First machine age

1st Machine Age: machines with muscle power

1st Industrial Revolution

- Steam power
- Textiles
- Iron
- Mass Production



2nd Industrial Rev.

- Steel
- Steamboats & trains
- Telegraph
- Electricity
- Fuel engine

2nd Machine Age: thinking machines (IBM 1997)



2nd Machine Age: self learning machines





Rarely uses leg **5**



Rarely uses legs **2 & 5**



Rarely uses leg **4**



Rarely uses legs **0 & 5**



Frequently uses **all** legs



Rarely uses legs **3 & 5**



Rarely uses **any** feet!



Rarely uses legs **2, 4, & 5**



Rarely uses legs **0, 1, & 4**

2nd Machine Age: man surrounded by intelligence



Smart devices



Machine learning



Smart robotics



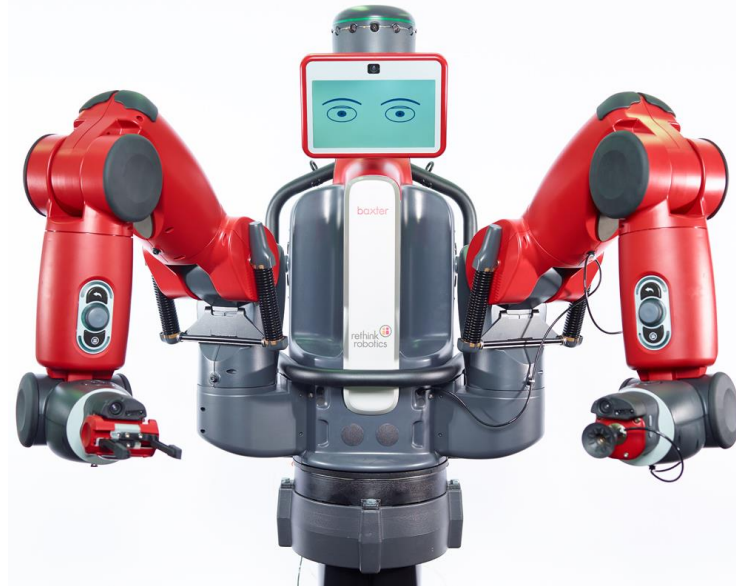
Virtual reality



Householdrobots

Productionrobots

Servicerobots











UBTECH
Dream With Robots



c|net







Pepper was the first breakthrough in in-store robots and was a real traffic driver in Japan

SoftBank

Examples of business impact



+38%
traffic

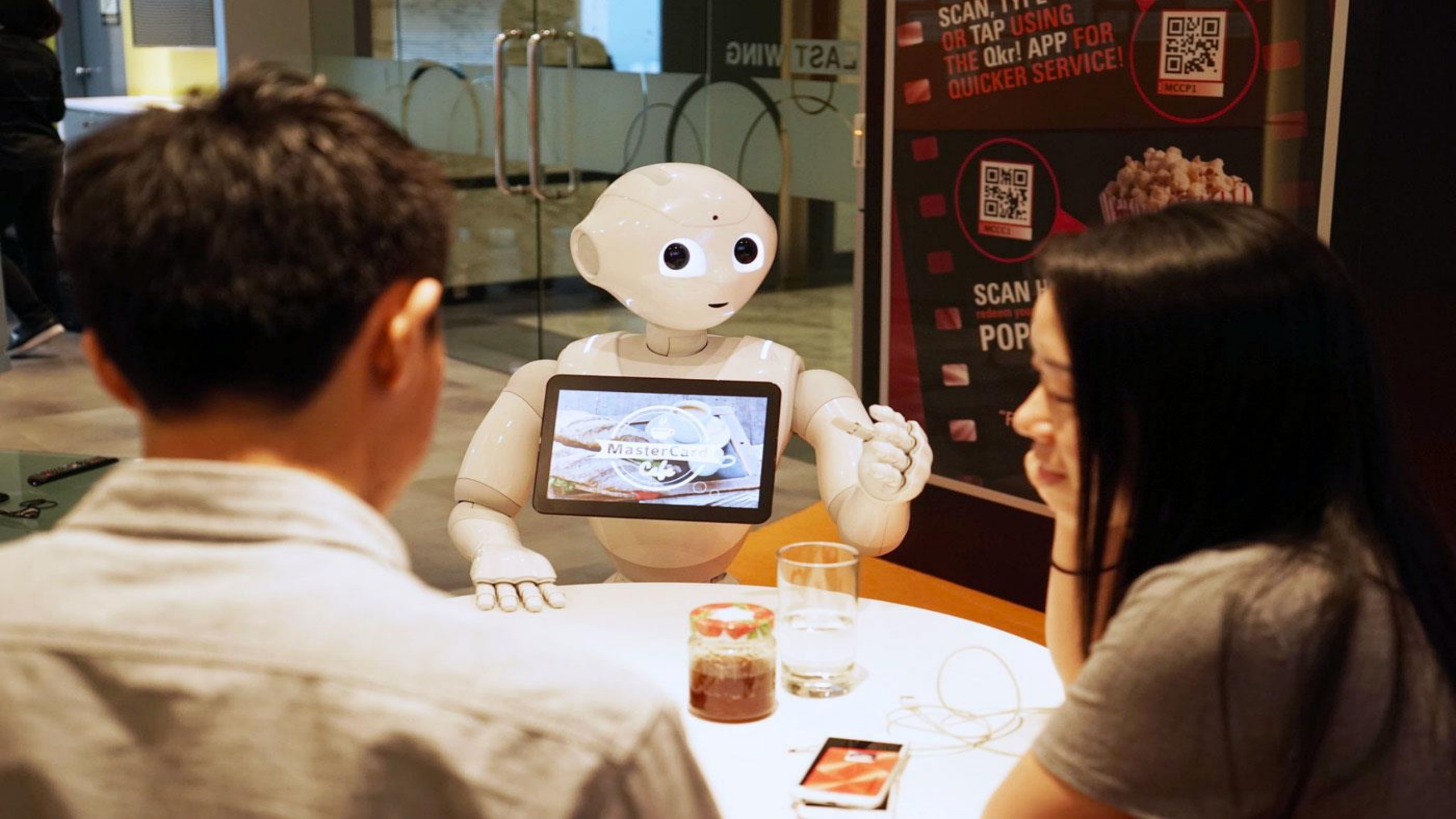
2,000
robots

Description

- > Launched on the **28 of March 2016** for 5 days, in the luxury mall **Omotesando de Tokyo**
- > **6 Pepper robots** responsible of **engaging the conversation** and **assisting customers** in their purchase
- > **Assistance** from a **human sales person** available

Key lessons

- > **Decrease in staffing costs** (1 person instead of 7)
- > **Increased traffic** due to customers' curiosity and duration of the project **+ 38% traffic**
- > **Commercial success**: 2,000 robots in Softbank stores in 2016





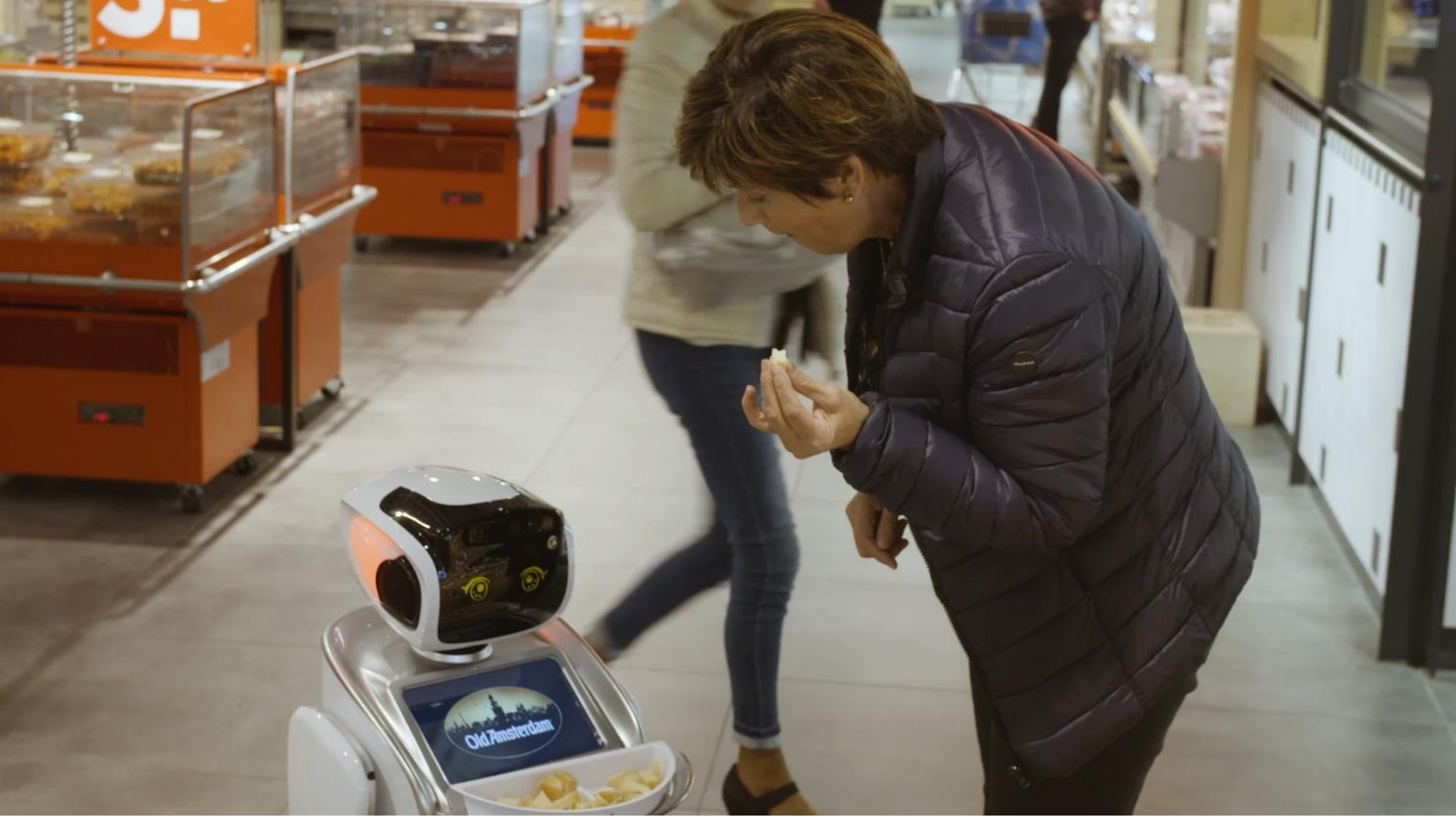








Hema technology streamlines the food preparation so diners can get their food fast.







変なホテル

Henn na Hotel







Info-bestelzuil

• Producten bekijken
• Producten bestellen
• Producten vergelijken

Bestel het hier zelf







乔治·克鲁尼的选择











