

ROBOT REPLACEMENTS

10 WAYS ROBOTS AND AI WILL STEAL YOUR JOB IN 2023 AND BEYOND.

ROBOTS AND ARTIFICIAL INTELLIGENCE MAY REPLACE YOUR JOB IN THE FUTURE.

By 2025, automation and a new division of labor between machines and humans will displace **85 million jobs globally** in medium and large businesses across 20 countries and 15 industries.

80% of business executives are accelerating plans to digitize work processes and deploy new technologies.

60% of employees are expected to accelerate the automation of some tasks in their company.

43% of businesses say they are set to reduce their workforce due to technology integration.



WHERE WILL THE UPRISING START?

001 INTERPRETERS AND TRANSLATORS
Speech recognition, generation and translation software will likely substitute for human translators with repercussions for remote and on-site freelance jobs, in this field by **20%** from 2019 to 2025.

002 SURGEONS (EXCEPT OPHTHALMOLOGISTS)
Surgeon jobs will decline by **2%** between 2019 and 2029 due to surgical robotics replacing the tasks performed by humans.

003 RADIOLOGISTS
Due to advancements in deep-learning-based AI with breakthroughs in image recognition, AI is capable of exceeding performance in radiology over a human.
In 2019, a Google algorithm outperformed six radiologists in determining patients' lung cancer. The AI detected **8%** more cancers and **8%** more false positives than humans.

004 WAREHOUSE WORKERS
New robots, programmed with AI can detect the difference between product size and shape. It can then pick up and sort products based on quantity or shipping needs.

005 FARMERS
The farming industry and its workers will be hurt by technological advancement of the cultured meat industry.
In some estimates, cultured meat (lab-grown meat) could account for **31%** of total meat consumption by 2040, for growing plant-based alternatives.

In the US, lab-grown meat is regulated by both the FDA and USDA, with the FDA overseeing safety and the USDA overseeing the harvest and labeling.

\$10,000,000 > 5YRS
The UK's first commercial lab-grown burger was produced last year. The government is expected to fund the first over 10 government-funded cultured meat research centers.

006 MILITARY
The 16 Air Assault Brigade Combat Team, The British Army's global response force, is working on replacing humans with the Christ 160 quadcopter, a robot-carrier that provides forward situational awareness in planning, developing and executing strategies.

007 CUSTOMER SERVICE
By 2025, virtual therapy will be used in at least **68%** of contact centers as brands engage with people in virtual spaces at scale.

008 BUSINESS AUTOMATION
Companies like Microsoft Business Machines Corporation are going to use AI-powered services and capabilities for enterprise automation designed to help automate IT infrastructure and make them more resilient and reduce costs.

009 RESTAURANT
In a survey of 2,000 restaurant operators, **80%** said they plan to utilize a form of automation technology in the future. They can range from improving customer experience, changing procurement expenditure or improving the supply chain.

The restaurant industry will continue to embrace digital signage and technology like using **projectors** that are smaller, brighter, user-friendly and more affordable. This enables business owners to create dynamic digital displays that are projected onto walls that can transform virtually any surface, shape or material and ultimately create a more immersive experience with customers.

010 FASHION / RETAIL
Fashion brands are experimenting with virtual goods (3D or 2D digital avatars) and digital storefronts. Digital storefronts are launched where consumers can enter virtual spaces to the next level of interactivity becoming more immersive and focused on user experience in the metaverse.

Blockchain-based worlds like The Sandbox, Decentraland and others have plots of virtual land and open top stories.

\$190,000,000,000
market opportunity with virtual goods.

Are you prepared for a future of robots and AI filling your job positions?