

Would Obsolescence Get to Us Due to AI?

The debate around whether AI will automate jobs away is heating up and AI critics claim that these statistical models lack the creativity and intuition of human brains and thus are made for only specific, repetitive tasks. However, this fundamentally underestimates the power of AI! Artificial Intelligence today is automating the economy in a much more powerful way.

What Jobs are being Taken Over by Machine Learning?

The implications of machine learning on industries, professions and the workforce are considered very different by people and your opinion will largely depend on your profession and the work you do. Machine learning has the potential to automate a large portion of skilled labor, but the degree to which this affects a workforce completely depends on the level of difficulty or complexity involved in the job.

Let's do a quick rundown of a few examples of MI/AI in different industries:

- **Education:** Algorithms can analyze test results, drastically reducing the time teachers spend in their leisure time on grading. A student's attendance and academic history can help determine gaps in his/her knowledge and learning disabilities.
- **Healthcare:** The use of programs to analyze and refer symptoms against databases containing millions of other cases and illnesses has led to faster prediction and diagnosis of illness and disease, saving lives through quicker treatment; decreasing the time a patient spends in healthcare.
- **Finance:** Artificial intelligence solutions are helping banks and credit lenders make smarter decisions by utilizing a variety of factors that accurately assess traditionally underserved borrowers (like millennials), in the credit decision making process.
- **Law:** Legal firms are increasingly turning to machine learning to process massive amounts of data related to legal precedents. For example, J.P. Morgan uses a software program dubbed Control Intelligence to review documents and previous cases in seconds that would otherwise take 360,000 hours if done by humans
- **Skilled and Manual Labor:** The automation of industries is the most obvious shift we can expect from machine learning with functions and

tasks being mechanized (that were once undertaken by trained workers), in specific jobs that involve some element of danger or potential (for example in factories and mining).

According to a report from the World Economic Forum, 85 million jobs will be replaced by machines with AI by the year 2025, but we need not worry; the same report states that 97 million new jobs will be created by 2025 due to AI. Here's why AI will replace some jobs:

- Computers are less error-prone than humans.
- AI doesn't get bored or tired!
- AI machines are cost effective in the long run.
- Can deliver improved workflow and deeper data analysis.

AI Entering Subjective Reality

Subjective reality/matter is based on personal opinions and feelings rather than on facts, such as art. Art is subjective because it is an expression of personal perspective, tastes and preferences; and hence art and music are considered forms of art!

AI generated paintings are created by artificial intelligence with an algorithm programmed into a computer generated them. You can check Dream by Wombo, Google Deep Dream, Artbreeder etc.

If artificial intelligence is used to create images and music, can the final product really be considered as art?

Final Thoughts

Introduction of AI in all industries shouldn't be scary because AI can't replace human brains creativity, or can't imitate human connection, and ofcourse, someone needs to program the AI!

It's time we all shift the conversation around AI and machine learning from threats of job replacement to opportunities for job redesign.