Ai
Artificial Intelligence

WHAT IS AI?

Artificial intelligence (AI) tools are programmed to mimic the actions of a human. One of Ai's characteristics is to rationalize and take action in order to achieve a goal."The goals of artificial intelligence include computer-enhanced learning, reasoning, and perception."

According to the Gartner survey in **2015** only **10%** , showedthat their enterprises had deployed AI

10%

in **2019** that number increased to **37** %

37%

"The reasons for this big jump is that Ai capabilities have matured significantly and thus enterprises are more willing to implement the technology"

DANGERS OF AI

- **Job Automation :** In a matter of time , Ai will soon be able to replace a lot of jobs in various industries. With that, many will remain jobless.
- **PRIVACY, SECURITY AND THE RISE OF 'DEEPFAKES' :** digital security (i.e. criminals training machines to hack), audio and video deepfakes, (i.e. manipulating voices and likenesses)
- **Misusing Ai :** not being able to draw the line for when Ai should be encouraged or discouraged.

BENEFITS OF AI

- **Reduces the amount it takes to perform a task (faster than a human)**
- **Faster Decisions**: Usually Ai machines are faster at making decisions than humans. As humans we like to analyze the emotional factors when making decisions
- **Ai operates 24/7 without interruption or breaks and has no downtime**

CRITICAL ISSUES

- **Invasion of privacy and social grading : i.e (Facial recognition)** , Ai has already demonstrated racism. As seen from Coded Bias Joy Buolamwini was recognised better when she wore a white mask.
- **Bias Data :** Bias data in Ai results in poor results. Ai does not fully recognise or identify people of color. This creates a very important issue in our society, racism in technology. Which raises the question of **why would we want to use such tools if they are not diverse and exclude people of color?** .We need to train and solve these Ai tool issues in order to be diverse and free from bias as possible.

WHOS LIVES ARE MADE BETTER WITH AI?

- **Doctors :** Ai systems that could process of medical imaging analysis would ease the burden on specialists
- **US (the people) :** - Ai is impacting our lives every day (i.e. **Digital assistants (Siri, Alexa, Cortana) , self driving cars, web searching, Online stores and services (personalize your shopping by suggesting products tailored to you) , Maps and Directions (finds traffic and construction in order to find the quickest route to your destination))**

SOURCES

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