### Ai I Intolligana

# 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 %



"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**

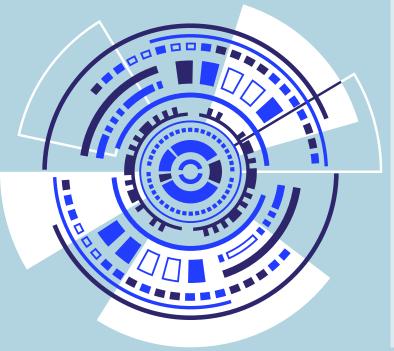
- Job Automation: In a matter of time, Ai will soon be able to replace a lot of jobs in various industries. With that, many will remain jobless.
- PRIVACY, SECURITY AND THE RISE OF 'DEEPFAKES':
  digital security (i.e. criminals training machines to hack
  ), audio and video deepfakes, (i.e. manipulating 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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