

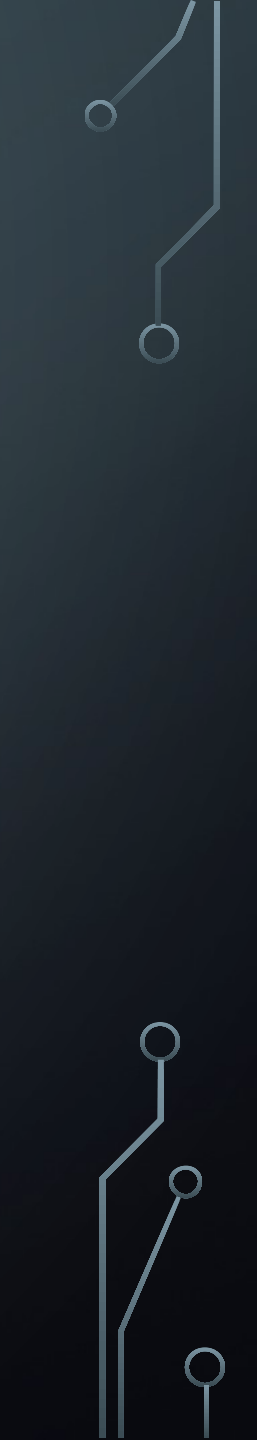


Artificial Intelligence

Creating the Future



CONTENTS:

- ❑ Definition of AI
 - ❑ Early History
 - ❑ Types of AI
 - ❑ How AI works
 - ❑ Current status of AI
 - ❑ Challenges for AI
 - ❑ Future of AI
 - ❑ Benefits of AI
 - ❑ Global Risks Of AI
 - ❑ Examples of AI
 - ❑ Conclusion
- 

What is AI:

The concept of what AI is and what it can do has changed from time to time. But the core idea can be explained as machines that can think and act like humans.

AI is a branch of computer science dealing with the simulation of the intelligent behavior in computers.



EARLY HISTORY:

- *In 1950 English mathematician Alan Turing wrote a landmark paper titled “Computing Machinery and intelligence” that asked question ‘Can machines think ?’.*
- *Further work came out of a 1956 workshop at Dartmouth*



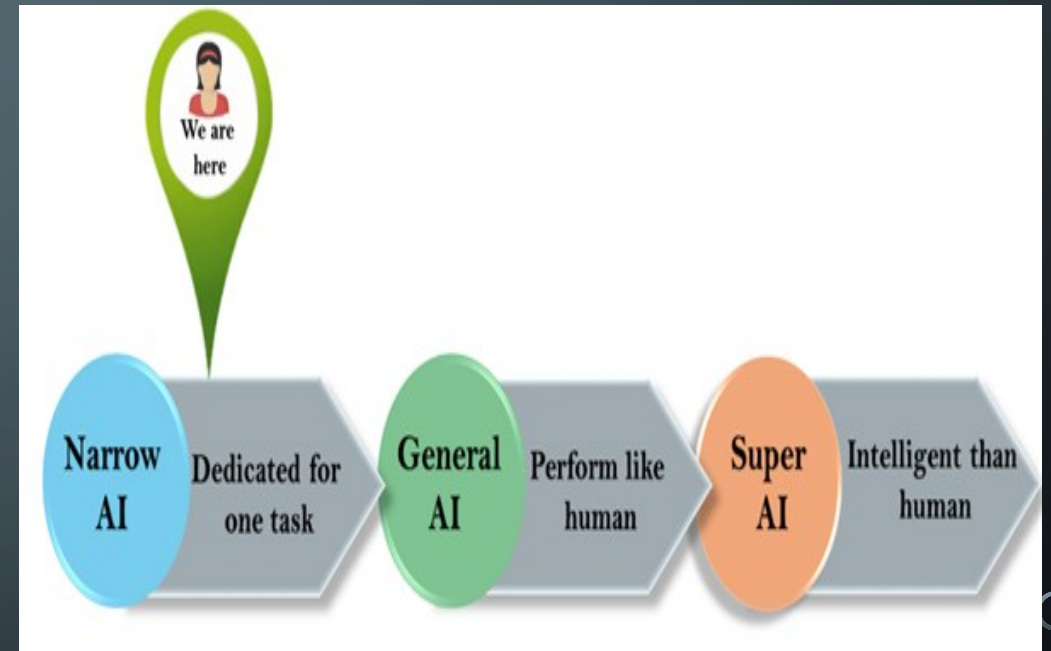
TYPES OF AI:

- **Artificial Narrow Intelligence (ANI)**, where a machine is programmed to have a particular expertise.

- **Examples:**

Crawling webpage, playing chess,
Siri, Cortana

and Google Assistant



- Artificial General Intelligence (AGI), is hypothetical ability of a computer program can perform any intellectual task that a human could.

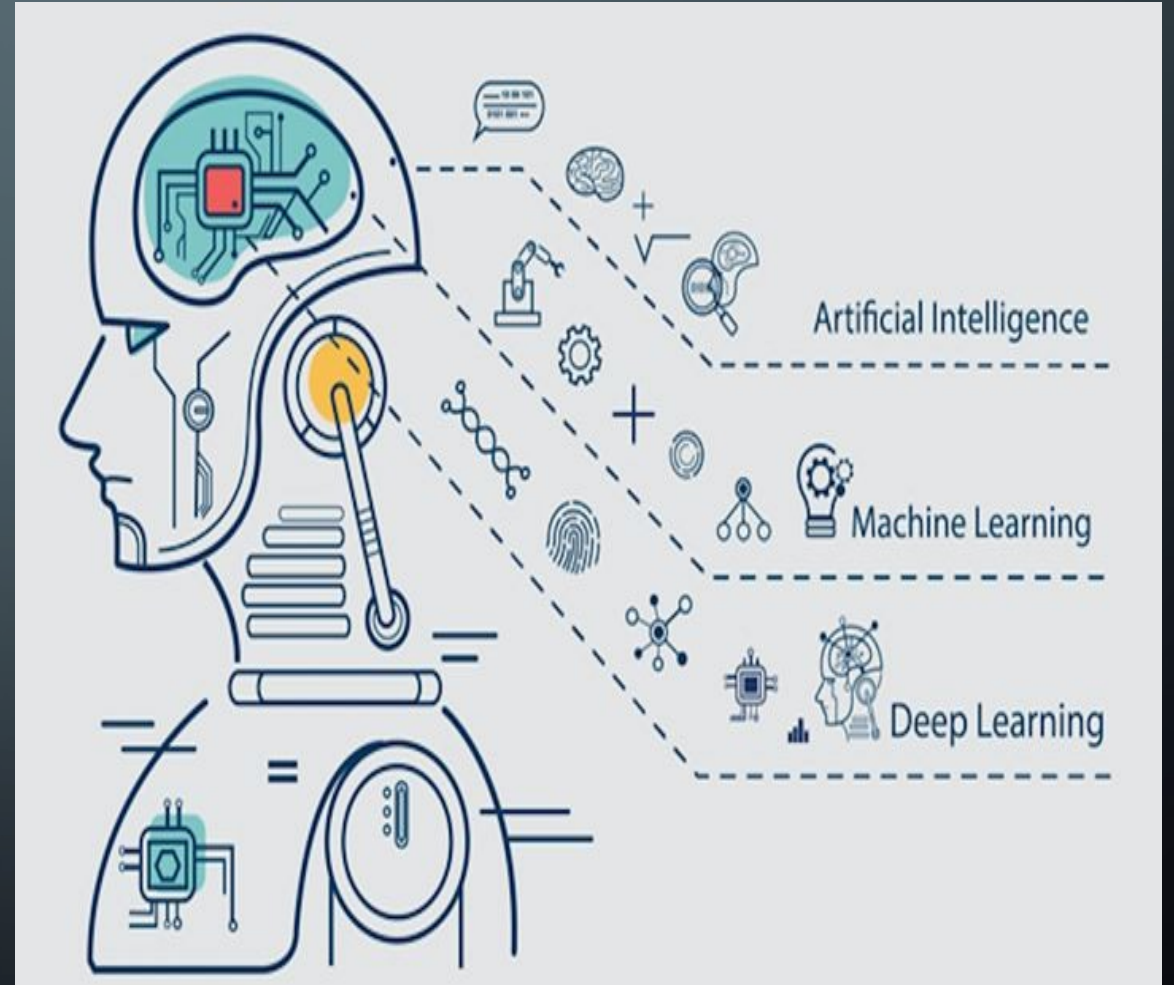


- Artificial Super Intelligence (ASI), is also hypothetical machine whose intellect surpasses that of the best



HOW AI WORKS:




- *AI works by combining large amounts of data with fast, iterative processing and intelligent algorithms, allowing the software to learn automatically from patterns or features in the data. AI is a broad field of study that includes many theories, methods and technologies.*



CURRENT STATUS OF AI:

- Artificial intelligence (AI) has become a technological reality for businesses and organizations across industries.
- AI has proven itself capable of improving process efficiency, reducing human errors and labor, and extracting insights from big data.
- In 2019, AI adoption among large companies has increased by 47% compared to 2018, according to the latest news.

CURRENT STATUS OF A.I.

HEALTHCARE	HEAVY INDUSTRY	FINANCE
		
<ul style="list-style-type: none">• Solving a variety of problems of patients, hospitals & healthcare industry overall.• Using Avatars in place of patients.	<ul style="list-style-type: none">• Robots have become very common in many industries• Can do repetitive laborious tasks	<ul style="list-style-type: none">• Algorithmic Trading• Market analysis & data mining• Personal Finance• Portfolio management

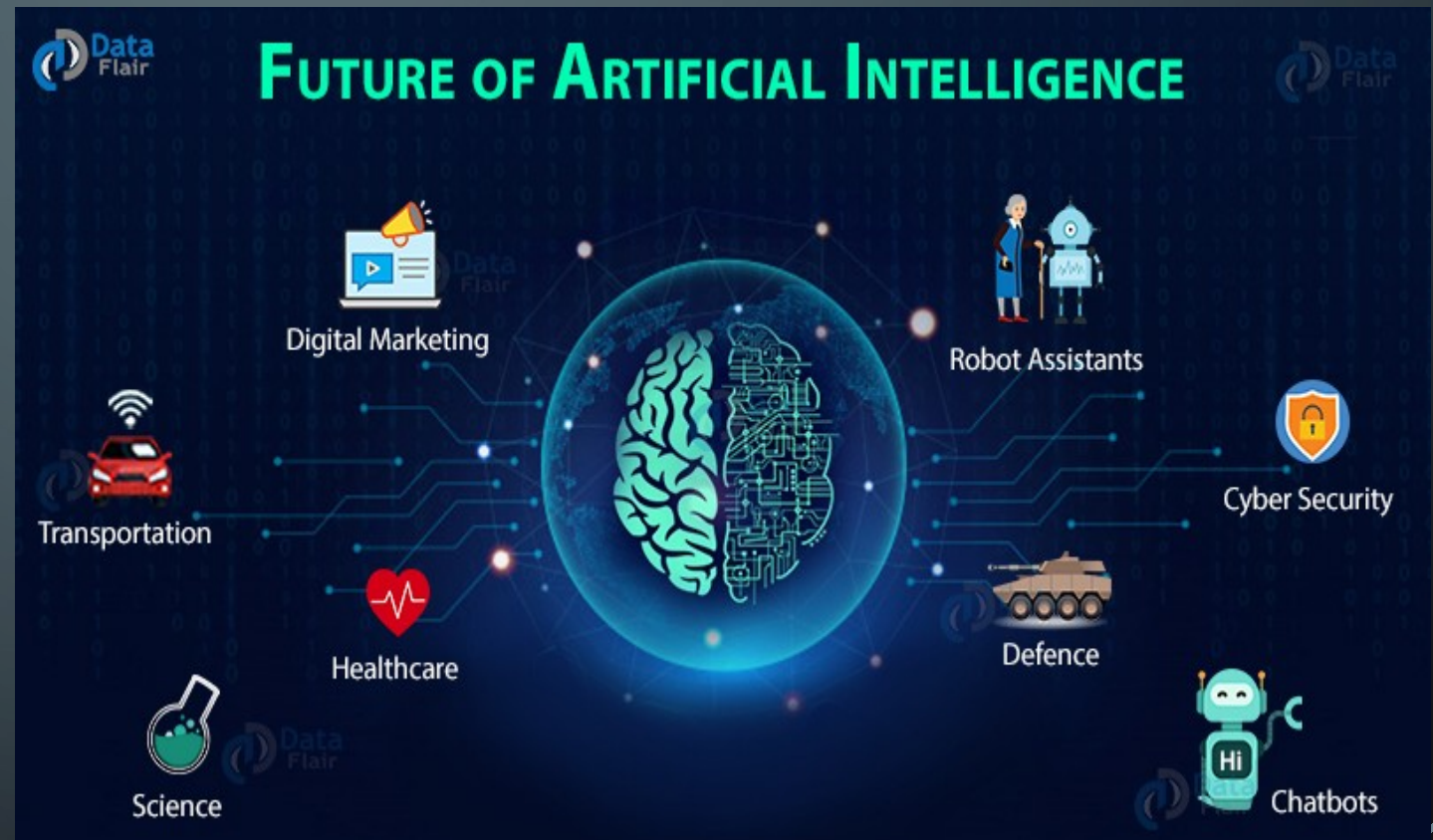
CHALLENGES FOR AI:

- Computing Power
- Trust Deficit
- Limited knowledge
- Human level
- The biased problem
- Software Malfunction



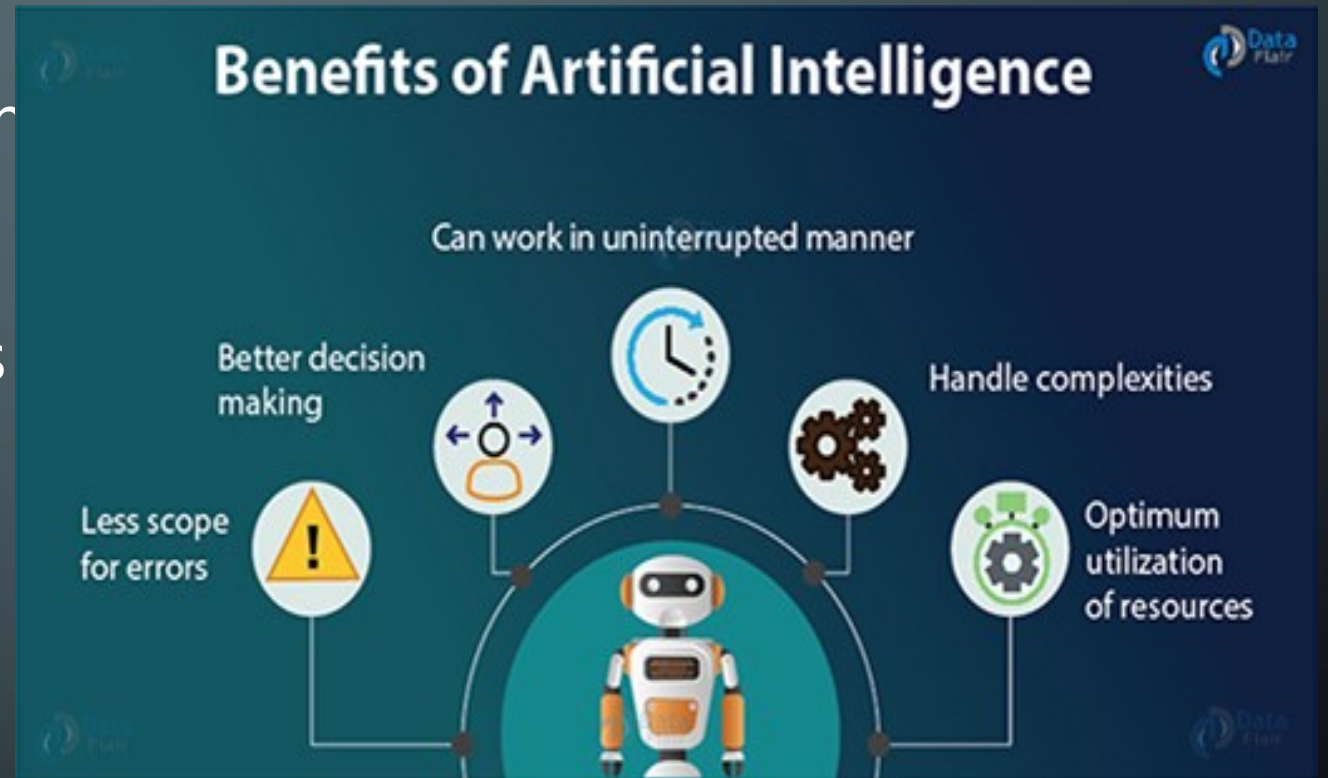
FUTURE OF AI:

- Transportation
- Manufacturing
- Healthcare
- Education
- Media
- Customer services
- Defense



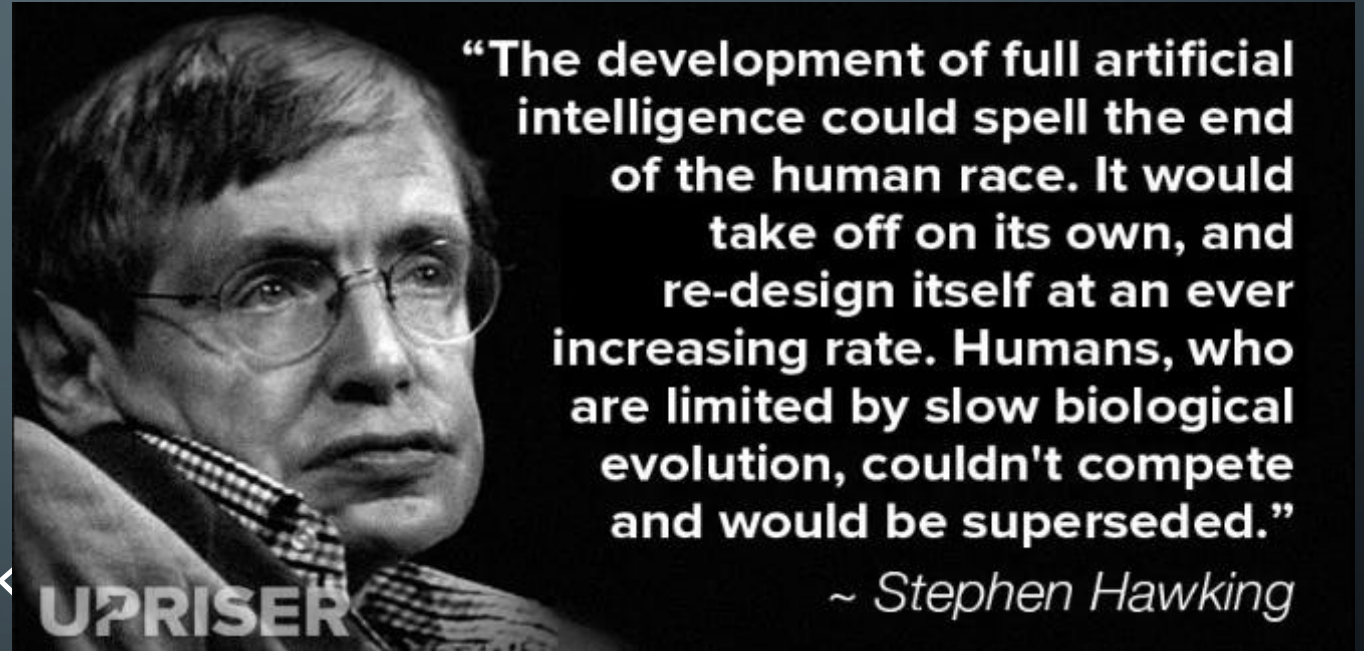
BENEFITS OF AI:

- Less human Error
- Takes risks instead of humans
- Available 24x7
- Helping in repetitive jobs
- Digital Assistance
- Faster Decision
- Daily Applications



GLOBAL RISKS OF AI:

- High cost of creation
- Making humans lazy
- Unemployment
- Weapon automization
- Lacking out of box thinking
- Can be Programmed for devastating tasks
- Malfunction can harm humans.



EXAMPLES OF AI:

Artificial intelligence examples



Disease diagnosis
and prediction



Content and ad
personalisation



Robotics, drones



Dangerous and
unappropriate
content detection



Route planning



Advisors for stock
trading



Personolised
thermostat


Do you know them?



CONCLUSION:

- *Finally we say that the Artificial Intelligence is the Intelligence of machines and the branch of computer science that aims to create it. AI textbooks define the field as “Study and Designs of Intelligent Agents” where an intelligent agent is system that perceives its environment and takes actions that maximizes the chances of its success.*



- 
- A decorative graphic of light blue circuit lines with circular nodes is positioned on the left side of the slide, extending from the top to the bottom.
- *Even after the worries expressed by great people like Bill Gates, Jeff Bezos, Elon Musk Various scientists still believe that AI would be helpful to mankind to a great extent.*
 - *After all it's a machine so the benefit & risk depends on how humans use it.*
 - *The way AI is programmed can determine what effect it would generate on human lives.*



AI

Jenish Sabhaya
Thank You