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# Welcome to the world of AI



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# Introduction

- ❖ Artificial Intelligence is a method of making a computer, a computer-controlled robot, or a software think intelligently like the human mind.
- ❖ AI is accomplished by studying the patterns of human brain and by analyzing the cognitive process. The outcome of these studies develops intelligent software and systems.
- ❖ AI : AI is the stimulation of human intelligence by machines.
  1. The ability to solve problems.
  2. The ability to act rationally.
  3. The ability to act like humans.

# The central principles of AI include:

- Reasoning, knowledge, planning, learning and communication.
- Perception and the ability to move and manipulate objects.
- It is the science and engineering of making intelligent machines, especially intelligent computer programs.





# Why AI?

- Artificial Intelligence will make human life easier and faster.
- For ex: Nowadays, All of us are using ChatGPT in which we can interact with machine and we can ask anything that we are interested in. So, this will make human life easier because it will solve many complex problems and also real life problems.



# Limitations of Human Mind

- Object Recognition. People cannot properly explain how they recognize objects.
- Face recognition. Cannot be passed on to another person by explanation.
- Naming of colours. Based on learning, not on absolute standards.
- Cannot work speedy like AI.

# Applications

- Expert systems.
- Natural Language Processing(NLP).
- Speech Recognition.
- Computer Vision
- Robotics.





# Advantages

- Reduction in Human Error
- Zero Risks
- 24\*7 Availability
- Digital Assistance
- New inventions
- Unbiased Decisions
- Perform Repetitive Jobs
- Daily Applications
- Faster Decision-making
- Patterns Identification





# Disadvantages

- High Costs to make machines
- No creativity
- Unemployment
- No Ethics
- No Improvement
- Lacking out of box thinking
- Still not thinking like humans
- No Emotional Bonding



# Why AI is important?

- ❖ AI automates repetitive learning and discovery through data. Instead of automating manual tasks, AI performs frequent, high-volume, computerized tasks.
- ❖ AI converts the all complex data, programs, decisions etc... Into simple and easy form.
- ❖ AI is important to perform speedy tasks, new inventions, daily applications, also reduction in human errors etc...

# Conclusion

- ❖ Atlast, We can conclude that AI is a most powerful digital weapon that will use to do daily tasks easier and faster.
- ❖ In future, AI will make great impact in digital world and by making various Robots, Automatic Cars, Chatbots and many such more things.

ARTIFICIAL  
INTELLIGENCE





# Thank You

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