Group : 3

Topic : Uses artificial intelligence in technology (AI)

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Agenda

1. What is AI ?
2. How does AI work ?
3. Why is AI important ?
4. How can AI help the world?
5. What are the 4 types of artificial intelligence?

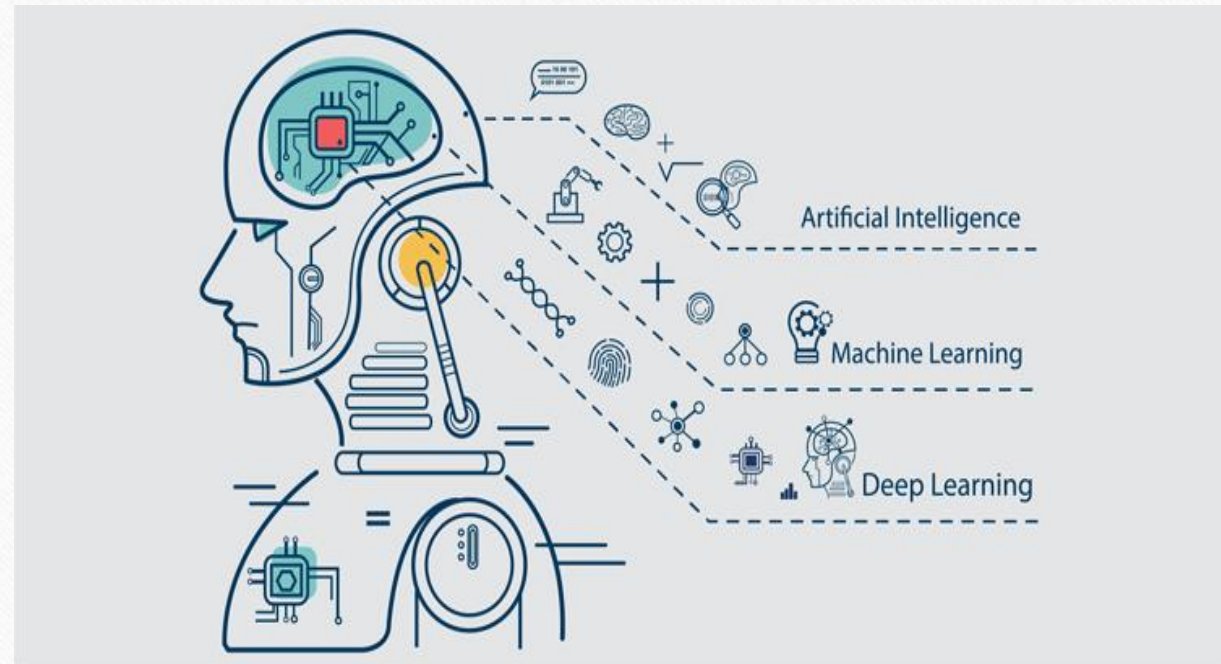# What is AI ?

Artificial intelligence leverages computers and machines to mimic the problem-solving and decision-making capabilities of the human mind.

How does AI work ?

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**

Why is AI important ?

Today, the amount of data that is generated, by both humans and machines, far outpaces humans' ability to absorb, interpret, and make complex decisions based on that data. **Artificial intelligence forms the basis for all computer learning and is the future of all complex decision making**

How can AI help the world?

This growth in AI has **helped companies solve complex issues such as fraud detection, medical diagnosis, weather forecasting** and so on

What are the 4 types of artificial intelligence?
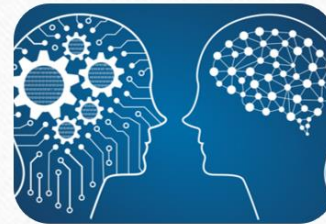
➢ **4 main types of artificial intelligence**

    1. Reactive machines
    2. Limited memory
    3. Theory of mind
    4. Self-awareness

Reactive

Limited Memory

Theory of Mind

Self Aware

❖ Reactive machines

➤ Reactive machines are AI systems that have no memory and are task specific, meaning that an input always delivers the same output.
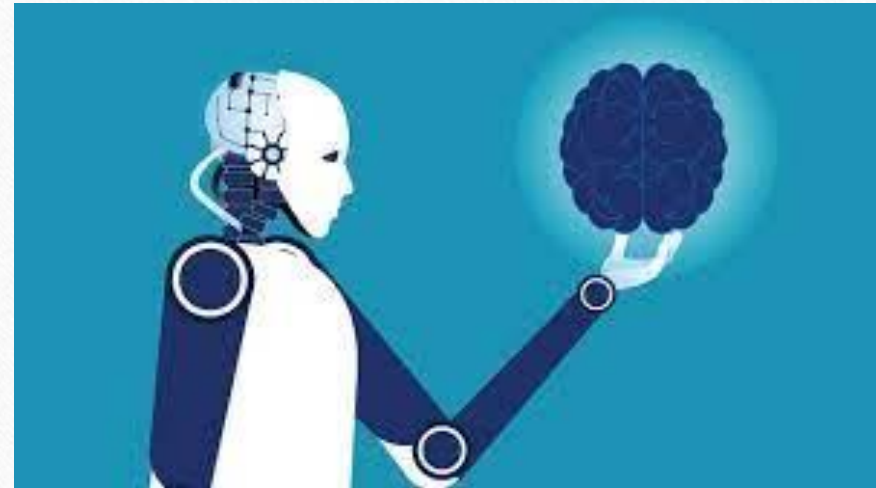
❖ Limited memory

➢ Limited memory is a type of artificial intelligence. It refers to an AI's ability to store previous data and predictions, using that data to make better predictions

❖ Theory of mind

➢ Theory of mind is **a "theory" because the behavior of the other person, such as their statements and expressions, is the only thing being directly observed.**

❖ **Self-awareness**

➤ Self-awareness is the ability to focus on yourself and how your actions, thoughts, or emotions do or don't align with your internal standards.

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Thank you