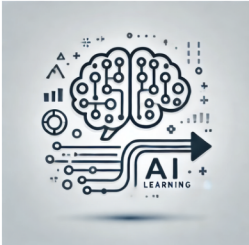


AI, or Artificial Intelligence, means **machines that can think, learn, and make decisions like humans**, solving problems and adapting to new information.

KEY CHARACTERISTICS OF AI



Learning

AI systems improve over time by learning from data (e.g., recognising patterns in photos)



Reasoning

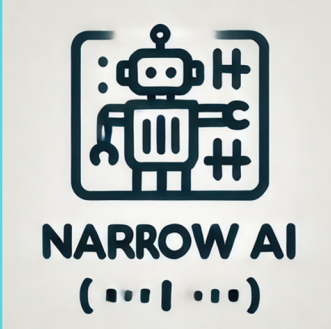
AI makes decisions based on logic or probability (e.g. recommending a product)



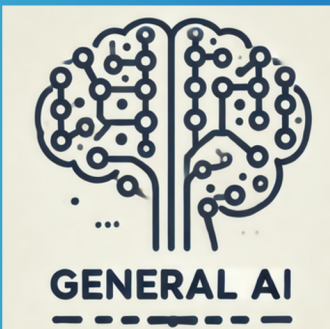
Adaptation

AI can adjust to new inputs or environments (e.g., self-driving cars navigating different roads)

TYPES OF AI



Focused on specific tasks
e.g. ChatGPT or facial
recognition



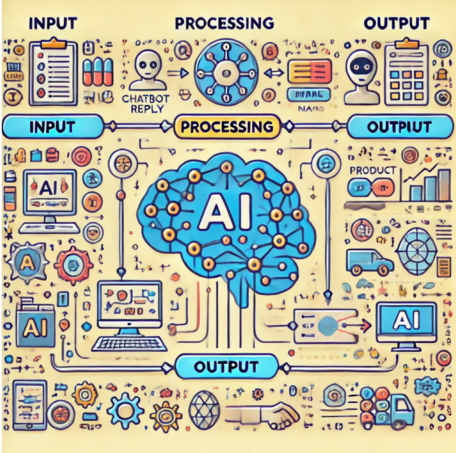
A theoretical AI capable of
any task a human can do
(still in development)



Beyond human capabilities
(currently science fiction)

HOW AI WORKS

1. **Input:** AI begins by receiving information, like photos, words, or numbers. Think of it as feeding data into a machine.
2. **Processing:** The machine uses a set of instructions (called algorithms) to study and learn patterns in the data, much like how we solve puzzles.
3. **Output:** AI then gives a result, like answering a question, suggesting a movie, or recognising a face.



EXAMPLES OF AI IN DAILY LIFE

Voice Assistants: Tools like Siri or Alexa streamline daily tasks.

Navigation Apps: Google Maps optimises routes for efficiency.

Spam Filters:
Keep your inbox
clean using AI
algorithms.

WHY AI MATTERS

AI is revolutionizing healthcare, education, and sustainability by solving complex problems and boosting efficiency.



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