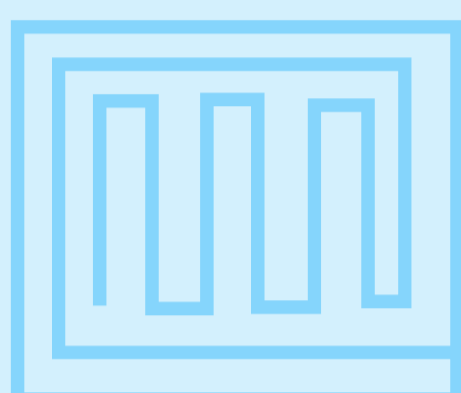


THE ARTIFICIAL Intelligence (AI)

Artificial intelligence (AI) is concerned with building smart machines capable of performing tasks that typically require human intelligence.



Approaches

1. Thinking humanly: **The cognitive modelling**
2. Thinking rationally: **The laws of thought**
3. Acting humanly: **The Turing Test**
4. Acting rationally: **The rational agent**

Many of these artificial intelligence systems are powered by machine learning, some of them are powered by deep learning.

Categories

Narrow AI

Narrow AI is goal-oriented, designed to perform singular tasks - i.e. facial recognition, speech recognition/voice assistants, driving a car, or searching the internet - and is very intelligent at completing the specific task it is programmed to do.

General AI

Artificial general intelligence is AI that can learn, think and act the way humans do. Although AGI has yet to be created, in theory it could perform a wider array of tasks than weak artificial intelligence and perform creative actions that previously only humans could.