

**Artificial Intelligence & Machine Learning** 

### What is AI?

Computer science defines AI research as the study of "intelligent agents": any device that perceives its environment and takes actions that maximize its chance of successfully achieving its goals.

 A more elaborate definition characterizes AI as "a system's ability to correctly interpret external data, to learn from such data, and to use those learnings to achieve specific goals and tasks through flexible adaptation."

Source: Wikipedia

## What is AI?



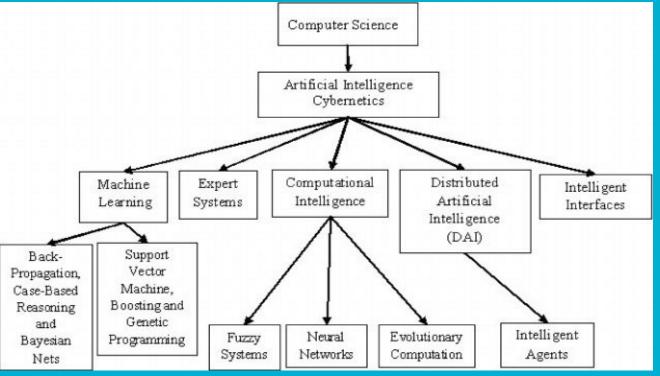
### Al Explained

- source 1
- source 2
- FAQs about AI

### 955 Alan Turing ELIZA. First design Foundations of 'Artificial First mechanical intelligence' is for a neural networks introduces a a natural calculatina programmable established by test-the Turina coined during a language machine built machine, Warren McCulloch conference devoted test-as a program, by French by Charles and Walter Pitts. way of testing to the topic. is created. mathematician Babbage and drawing parallels a machine's **ELIZA** handles between the brain intelligence. dialogue on any and inventor Ada Lovelace. Blaise Pascal. and computing topic; similar machines. in concept to today's chatbots. 2002 iRobot launches Computer Edward Google builds program Deep Roomba, an Feigenbaum the first selfautonomous vacuum Blue beats creates expert driving car to cleaner that avoids world chess systems handle urban obstacles. champion Garry which emulate conditions. decisions of Kasparov. human experts. IBM's Watson Personal assistants like Siri, Ian Goodfellow comes AlphaGo beats Most universities defeats champions Google Now, Cortana use speech up with Generative professional have courses Adversarial in Artificial of US game show recognition to answer questions Go player Lee Jeopardy! Networks (GAN). and perform simple tasks. Sedol 4-1. Intelligence.

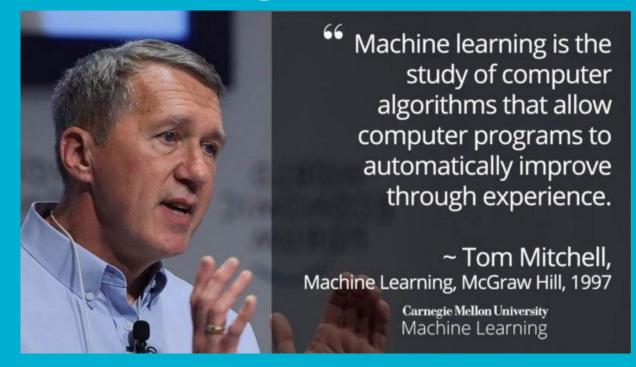
Source: The University of Queensland, Australia

# AI ----» Machine Learning



Source: ResearchGate

### **Machine Learning**



Video: What is Machine Learning?



### **Thank You**