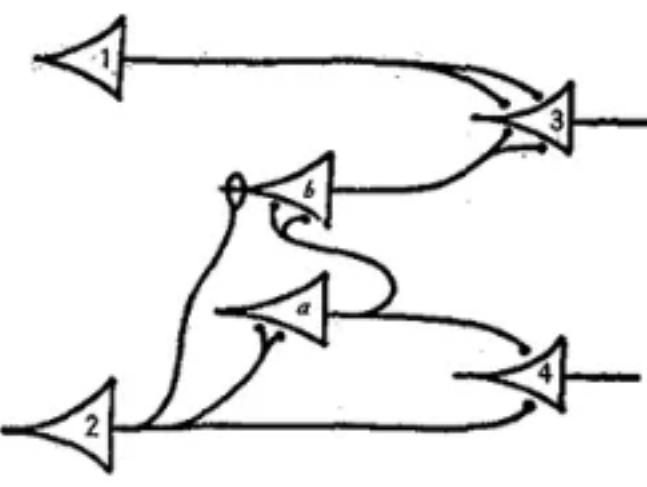


The Evolution of AI

1943

McCulloch & Pitts publish a paper titled 'A Logical Calculus of Ideas Immanent in Nervous Activity', proposing the groundwork for neural networks.



1950

Turing publishes 'Computing Machinery and Intelligence', proposing the Turing Test as a way to measure a machine's ability.



1951

Marvin Minsky and Dean Edmonds build SNAR, the first neural network computer.



1974

The first AI winter begins, marked by a decline in funding and interest in AI research due to unrealistic expectations and limited progress.



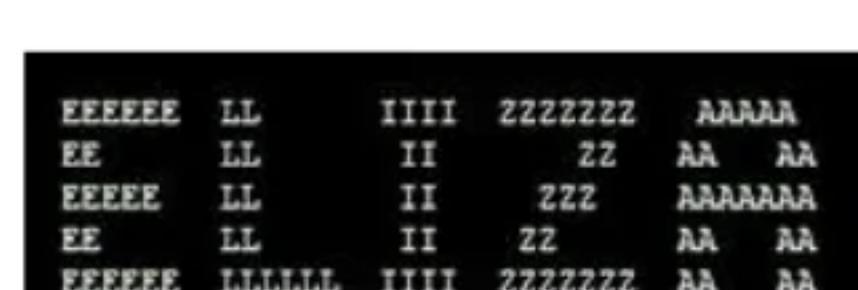
1967

Newell and Simon develop the General Problem Solver (GPS), one of the first AI programs to demonstrate human-like problem-solving.



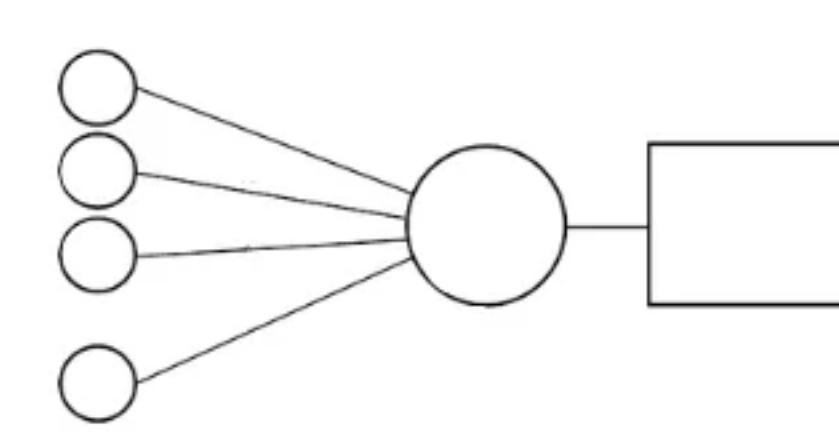
1965

Weizenbaum develops ELIZA: a natural language processing program that simulates conversation.



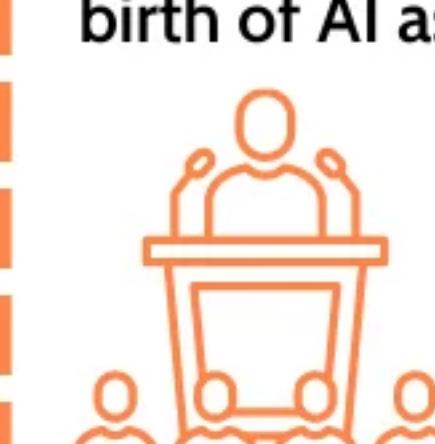
1957

Rosenblatt develops the Perceptron: the first artificial neural network capable of learning.



1956

The Dartmouth Conference (organised by McCarthy, Minsky, Rochester, and Shannon) is held, marking the birth of AI as a field of study.



1980

Expert systems gain popularity, with companies using them for financial forecasting and medical diagnoses.



1986

Hinton, Rumelhart, and Williams publish 'Learning Representations by Back-Propagating Errors', allowing much deeper neural networks to be trained.



Neural Networks

Machine learning models that mimic the brain, learning to recognize patterns and make predictions via artificial neuron connections

1997

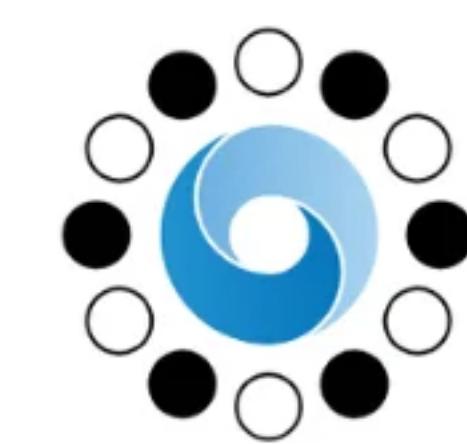
IBM's Deep Blue defeats chess world champion Kasparov, marking the first time a computer beats a world champion in a complex game.



Natural Language Processing
Teaches computers to understand and use human language using techniques like machine learning

2015

AlphaGo, developed by DeepMind, defeats world champion Lee Sedol in the game of Go.



2012

Facebook creates DeepFace, a facial recognition system that can recognise faces with near-human accuracy.



2012

AI startup DeepMind develops a deep neural network that can recognize cats in YouTube videos.



DeepMind
Was acquired by Google in 2014 for \$500 million

2011

IBM's Watson defeats two former Jeopardy! champions.



2002

iRobot introduces Roomba, the first mass-produced domestic robot vacuum cleaner with an AI-powered navigation system.



2017

Google's AlphaZero defeats the world's best chess and shogi engines in a series of matches.



2020

OpenAI releases GPT-3, marking a significant breakthrough in natural language processing.



2021

DeepMind's AlphaFold2 solves the protein-folding problem, paving the way for new drug discoveries and medical breakthroughs.



2022

Google fires engineer Blake Lemoine over his claims that Google's Language Model for Dialogue Applications (LaMDA) was sentient.



2023

Artists file a class-action lawsuit against Stability AI, DevianArt, and Mid-journey for their use of Stable Diffusion to remix the copyrighted works of millions of artists.

