

AI EVOLUTION TIMELINE

START EARLY

1943

Warren McCulloch & Walter Pitts
First artificial neuron model (foundation of neural networks)

1950

Alan Turing
Proposed the Turing Test for machine intelligence

1956

John McCarthy
Coined the term Artificial Intelligence (Dartmouth Conference)

1957

Frank Rosenblatt
Developed the Perceptron (first learning neural network)

1965

Joseph Weizenbaum
Created ELIZA, the first chatbot

1997

IBM
Deep Blue defeated chess champion Garry Kasparov

1986

Rumelhart, Hinton & Williams – Introduced Backpropagation for training neural networks

1982

John Hopfield
Developed Hopfield Network (associative memory)

1997

Hochreiter & Schmidhuber
Introduced LSTM (for sequence learning)

2012

Geoffrey Hinton
AlexNet launched Deep Learning revolution

2016

DeepMind
AlphaGo defeated Go champion Lee Sedol

2017

Vaswani et al. (Google)
Introduced Transformer architecture

2020

OpenAI
Released GPT-3

GOING LIVE

2024-25

Microsoft, Google, OpenAI
AI copilots, agents & robotics

2023

OpenAI / Google
Multimodal AI (text + image + audio)

2022

Generative AI Boom
Released ChatGPT, DALL-E (image generation), Stable Diffusion (open-source image AI)

2021

DeepMind
AlphaFold2 solved protein folding

Applications of AI

Healthcare | Robotics | Education | Finance | Self-driving | Smart Assistants

Sources: Google, GPT, Research paper.