THE EVOLUTION OF ARTIFICIAL INTELLIGENCE: 1936-2024

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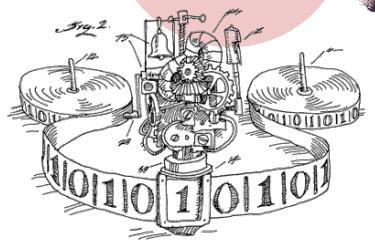
1936 — **Turing machine** conceptualized, foundational for computing.



1950 — **Turing Test** proposed, setting standard for AI intelligence.

1956 — **Term 'artificial intelligence'** coined at Dartmouth.

1961 — **First industrial robot, Unimate,** starts on assembly lines.

1997 — **Deep Blue** beats Kasparov, reviving AI interest.

2002 — **Roomba vacuum** introduces robotics to home appliances.

2004 — **DARPA** Challenge spurs autonomous vehicle tech.

2005 — **Honda's ASIMO** humanoid robot serves in restaurants.

2009 — **Google develops first autonomous car prototype.**

2011 — **Siri** launched as Apple's virtual assistant.

Watson wins Jeopardy, showcasing AI in games.

2012 — **AlexNet** wins ImageNet with deep learning.

2014 — **Facebook's DeepFace** stirs privacy and AI ethics debate.

2015 — **AlphaGo** defeats Go professionals, surpassing human skill.

2016 — **AlphaGo's** victory over Lee Sedol in Go (4-1).

2017 — **OpenAI Five** defeats professional Dota 2 players.

Deepstack AI bests human poker players.

AlphaGo Zero - masters Go, defeating revious AlphaGo versions 100-0, self taught.

2020 — **Microsoft's large AI model** with 17 billion parameters.

OpenAI's GPT-3 changes the landscape of language models.

AlphaFold 2's breakthrough in protein folding prediction.

2021 — **Open letter calls** for pause on robust AI system development.

Global focus on AI regulation for ethical, safe use.

2022 — **Stable Diffusion** enables photorealistic image generation.

Google Bard launches as ChatGPT competitor.

AI matches humans in certain domains, says Nature journal.

2023 — **LaMDA 2** enhances conversational AI realism.

ChatGPT pushes conversational AI boundaries.

2024