

AI Timeline



Pre-1900s: Automatons

- **Ancient Greek philosophers** and inventors discuss and create automatons, a word meaning “acting of one’s own will”
- **400 BCE:** Creation of a mechanical pigeon, one of the earliest known automatons
- **1495: Leonardo Da Vinci** creates the famous automaton “Da Vinci’s Knight”



1900-1949: AI Groundwork

- **Introduction of the idea of artificial humans** and comparing computers to human brains
- **First robot built** by Japanese professor Makoto Nishimura
- **First neural network** proposed by neuroscientist Warren MuCulloch and logician Walter Pitts (McCulloch-Pitts Networks)



1950-1956: AI Birth

- First tests of computer intelligence and the creation of the **Turing Test**
- **Term “Artificial Intelligence” is coined** at the Dartmouth Conference



1957-1979: AI Improvement

- **AI research and development** of programming languages
- **More sophisticated robots/computer** are developed



1980-1987: AI Boom

- Major period of **rapid growth and interest** in AI
- **Period of breakthroughs** and government funding in researching AI



1987-1993: AI Winter

- **Period of disappointment** in business applications of AI
- **Period of low excitement** and funding for AI technology



1997-2011: AI Resurgence

- **Resurgence of AI** research and progress
- **AI entering everyday life** with tech such as speech recognition on computers and Roombas



2012-Present: Deep Learning and Generative AI

- **AI is now in common use** (virtual assistants/search engines/etc)
- **More general problem solving** ability with tools like ChatGPT and DALL-E