TIMELINE

EARLY DEVELOPMENTS IN AI

1950 – TURING TEST: ALAN TURING PROPOSES THE TEST TO MEASURE A MACHINE'S ABILITY TO EXHIBIT INTELLIGENT BEHAVIOR.

1956 – DARTMOUTH CONFERENCE: THE TERM "ARTIFICIAL INTELLIGENCE" IS COINED, DEFINING THE FIELD.

1964 – ELIZA: FIRST CHATBOT DEVELOPED BY JOSEPH WEIZENBAUM, FOUNDATIONAL FOR NATURAL LANGUAGE PROCESSING.

1968 – SHRDLU: TERRY WINOGRAD CREATES A PROGRAM THAT UNDERSTANDS NATURAL LANGUAGE IN A VIRTUAL WORLD.

AI WINTERS

MID-1970S TO EARLY 1980S – FIRST AI WINTER: AI RESEARCH SLOWS DUE TO OVER-HYPED EXPECTATIONS AND LACK OF PROGRESS.

1987–1993 – SECOND AI WINTER: REDUCED FUNDING AND DISILLUSIONMENT WITH EXPERT SYSTEMS AND AI RESULTS.

MACHINE LEARNING RESURGENCE

1997: IBM'S DEEP BLUE DEFEATS WORLD CHESS CHAMPION GARRY KASPAROV.

2006: GEOFFREY HINTON INTRODUCES DEEP LEARNING, REVOLUTIONIZING NEURAL NETWORKS.

2012: ALEXNET WINS THE IMAGENET COMPETITION, THIS FEAT DEMONSTRATES THE POWER OF CONVOLUTIONAL NEURAL NETWORKS

RECENT ADVANCEMENTS

2016 – ALPHAGO: GOOGLE DEEPMIND'S AI DEFEATS THE WORLD CHAMPION IN GO, SHOWCASING COMPLEX LEARNING.

2018 – GPT-2 AND GPT-3: OPENAI RELEASES POWERFUL LANGUAGE MODELS, DEMONSTRATING HUMAN-LIKE TEXT GENERATION.

2020 – GPT-3: OPENAI'S GPT-3 BECOMES ONE OF THE MOST ADVANCED LANGUAGE MODELS, CAPABLE OF TEXT GENERATION AND MORE

2023-PRESENT: GENERATIVE AI AND LARGE LANGUAGE MODELS DOMINATE AI RESEARCH, WITH OPENAI, GOOGLE DEEPMIND, AND ANTHROPIC LEADING INNOVATION.

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