Artificial Intelligence: HISTORY, AI's FATHER

Artificial Intelligence: HISTORY, AI's FATHER
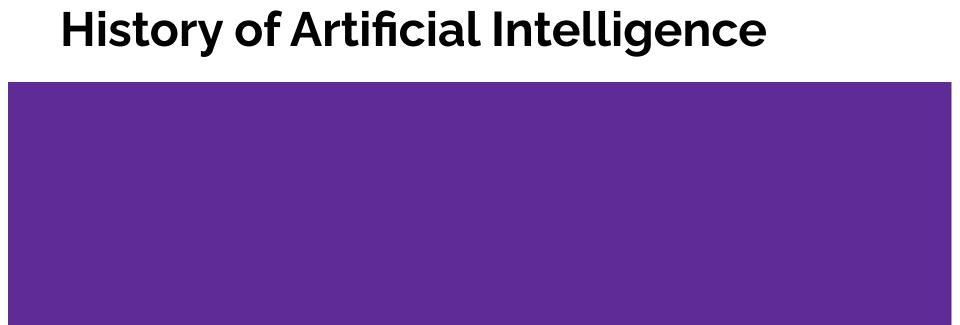
(AIFE: Artificial Intelligence For Engineering)

PREPARED FOR

Engineering Students

All Engineering College

PREPARED BY: MS. SHWETA TIWARI
Published On: April 2, 2022

FALL SEMESTER, YEAR (IInd, 2nd)
FALL SESSION (2021-22)
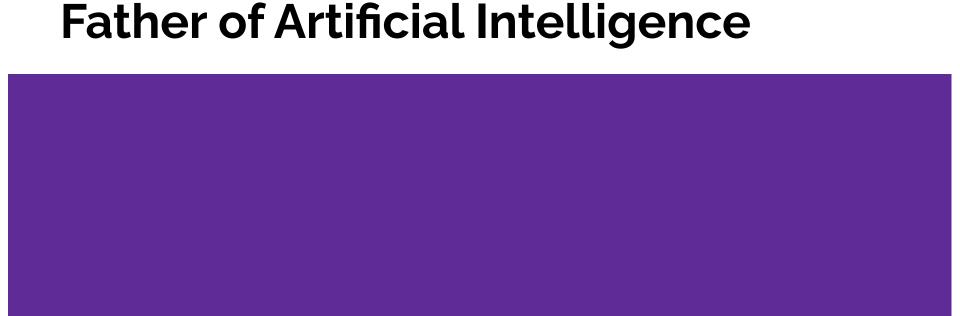
History of Artificial Intelligence

Artificial Intelligence: History

- 1950 was the year when artificial intelligence research started.
- Research in the field of AI began with the development of electronic computers and stored-program computers.
- Even after this, for many decades, no link could be connected to a computer that could think or act like a human mind.
- A later discovery that greatly accelerated the early development of AI was made by Norbert Wiener.

Artificial Intelligence: History

- He proved that all intelligent behavior of human beings is the result of a reaction mechanism.
- Another big step in the direction of Modern AI was when the Logic Theorist was created.
- This can be considered the first AI program designed by Newell and Simon in 1955.

Father of Artificial Intelligence

Artificial Intelligence: Father

- After much research, the person who eventually laid the foundation of artificial intelligence was the father of AI, John McCarthy, an American scientist.
- To further develop AI, he organized a conference "The Dartmouth Summer Research Project on Artificial Intelligence" in 1956.
- In which all those people who are interested in machine intelligence could participate.
- The purpose of this conference was to attract the talent and expertise of interested people to assist McCarthy in this work.

Artificial Intelligence: Father

- In later years the AI Research Center was formed at Carnegie Mellon University as well as the Massachusetts Institute of Technology.
- Along with this, AI also had to face many challenges.
- The first challenge he faced was to create a system that could efficiently solve a problem with very little research.
- The second challenge is to build a system that can learn a task on its own.
- The first breakthrough in the field of artificial intelligence came when a novel program called General Problem Solver (G.P.S) was created by Newell and Simon in 1957.

Artificial Intelligence: Father

- It was an extension of Wiener's feedback theory.
- Through this, more and more common sense problems could be solved.
- LISP language was created by John McCarthy in 1958 in AI History.
- It was soon adopted by many AI researchers and is still in use today.