

① Birth of AI (1956):

- The **Dartmouth Conference** formally established AI, led by **John McCarthy, Marvin Minsky, Claude Shannon, and others**.
- Introduced the term “**artificial intelligence**” and developed **Logic Theorist (LT)**, an early AI program.

② Alan Turing's Influence (1950):

- Proposed the **Turing Test** to measure machine intelligence.
- Suggested “**child machines**” could learn like humans.

③ Key Milestones:

- **Deep Blue (1997)** defeated chess champion **Kasparov**.
- **IBM Watson (2011)** won **Jeopardy!**, advancing **natural language AI**.
- **AlphaGo (2016)** mastered Go, beating world champion **Lee Sedol**.

④ AI's Expansion (Today):

- AI has moved beyond rule-based systems into **machine learning, deep learning, and generative AI**.
- Applications span **healthcare, robotics, finance, and more**.