Lesson 2 -The Evolution of Chatbots

## CHATBOTS AS HUMAN REPLICAS

"The progress in natural language processing that allows chatbots to understand context and engage in intelligent dialogue has been remarkable. We are approaching a point where bots will be nearly indistinguishable from humans in conversational ability."

> - Demis Hassabis, founder and CEO of DeepMind

## **A.I Inflection Point**

1980s

Racter: A chatbot that

published a book in 1984 titled

"The Policeman's Beard is Half

Constructed."

**PARRY:** Developed in 1972, it simulated a person with paranoid schizophrenia.

1970s

**ELIZA:** Created in 1966 by Joseph Weizenbaum at MIT. Considered the first chatbot, it emulated a psychotherapist.

1960s

**A.L.I.C.E:** Introduced in 1995, this chatbot used heuristic pattern matching to converse.

1990s

Google Assistant, Amazon Alexa, and Apple's Siri: These voice-activated Al assistants redefined the chatbot experience.

2010s

## 2000s

SmarterChild: Introduced on platforms like AOL marking one of the earliest widespread uses of chatbots. 2020s GPT-3 Introduced high-quality,

context-aware conversational capabilities in 2020.





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