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Data Science



the infamous "Turing test."

- Year 2018: The "Project Debater" from IBM debated on complex topics with two master debaters and also performed extremely well.
- Google has demonstrated an AI program "Duplex" which was a virtual assistant and which had taken hairdresser appointment on call, and lady on other side didn't notice that she was talking with the machine.

- **Applications of AI**

AI algorithms have attracted close attention of researchers and have also been applied successfully to solve problems in engineering. Nevertheless, for large and complex problems, AI algorithms consume considerable computation time due to stochastic feature of the search approaches

- 1) Business; financial strategies
- 2) Engineering: check design, offer suggestions to create new product, expert systems for all engineering problems
- 3) Manufacturing: assembly, inspection and maintenance
- 4) Medicine: monitoring, diagnosing
- 5) Education: in teaching
- 6) Fraud detection
- 7) Object identification
- 8) Information retrieval
- 9) Space shuttle scheduling

- **The present state of AI**

Artificial Intelligence has made remarkable strides in recent years, transforming various industries and aspects of our daily lives. Here's an overview of its current status:

- Machine Learning Advancements: AI's backbone, machine learning, has seen