



Navigating the AI Journey

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Navigating the AI Journey

Key Discussion Points:

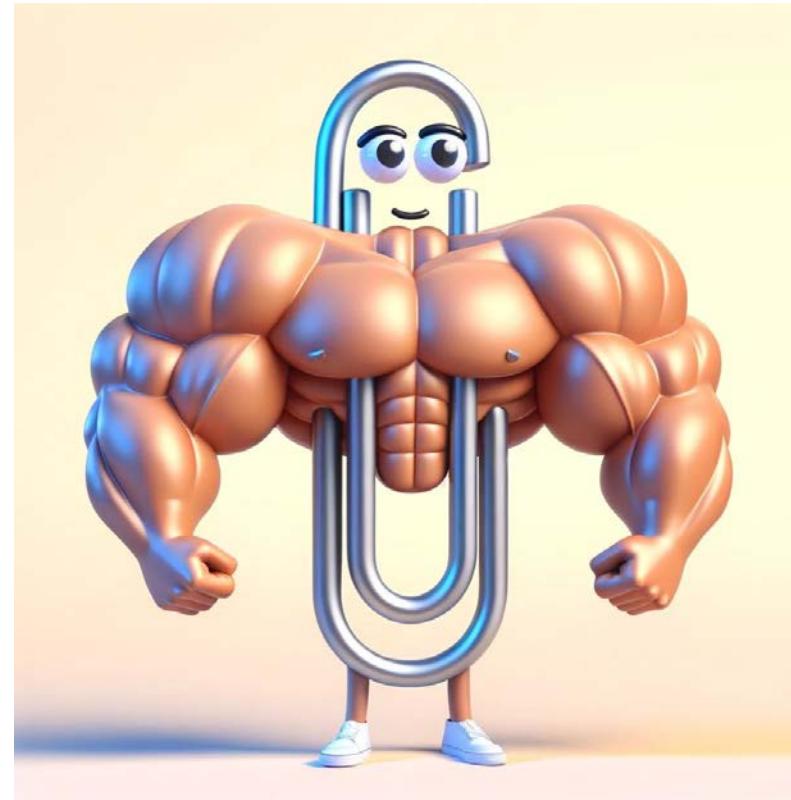
- The History Behind AI
- AI's Effect on Industries
- Leveraging AI Today
- The Duality of AI
- Beyond the Horizon

What is AI?

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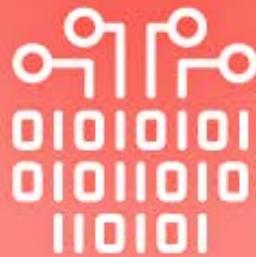
What is AI?



What is AI?

Machine Learning

Using sample data to train computer programs to recognize patterns based on algorithms.



Neural Networks

Computer systems designed to imitate the neurons in a brain.



Natural Language Processing

The ability to understand speech, as well as understand and analyze documents.



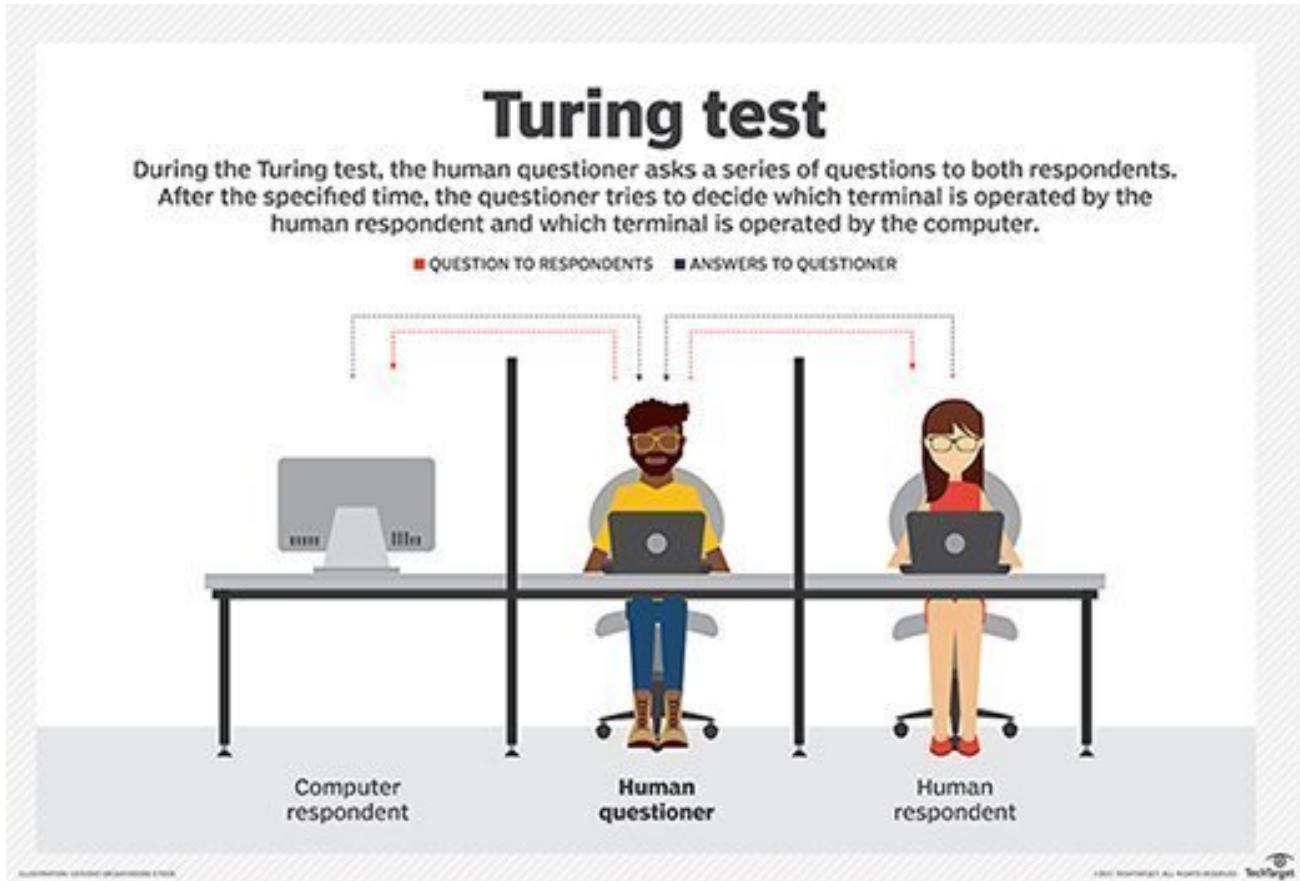
Robotics

Machines that can assist people without actual human involvement.



The History of AI: 1950's-1960's

- Alan Turing's Test
- The Dartmouth Conference
- The Logic Theorist Program
- Eliza



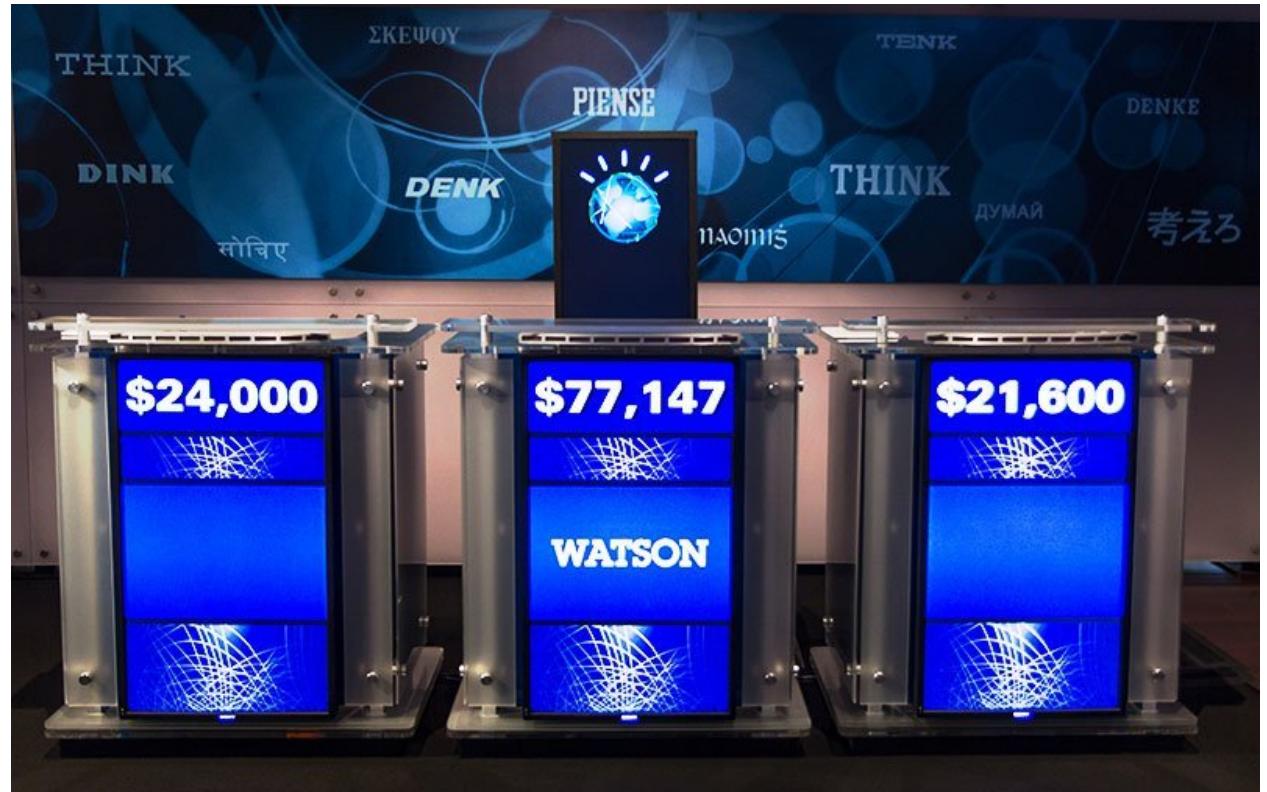
The History of AI: 1970's-2000's

- Shakey the Robot
- Expert Systems
- Backpropagation Algorithm
- The AI Winters
- Deep Blue vs. Garry Kasparov



The History of AI: 2000's-Present

- AI's Watson on Jeopardy
- DeepMind's AlphaGo
- Tesla's Auto Pilot
- Language Translation Advancements
- AI in Art
- ChatGPT – continued...



The History of AI: 2000's-Present

- ChatGPT
 - AI powered large language model (LLM), released in 2020.
 - Large language models (LLMs) are machine learning models that can ingest, comprehend, and generate human language text.
 - ChatGPT is trained on a diverse range of internet text, including websites, articles, forums, and social media posts, allowing it to generate responses based on a wide array of sources.

AI's Effect on Industries

- How did the introduction of “AI” affect various industries?
 - Manufacturing
 - Finance
 - Retail
 - Healthcare
 - Retail/Marketing
 - Tech/IT
 - Transportation
 - Entertainment/Arts

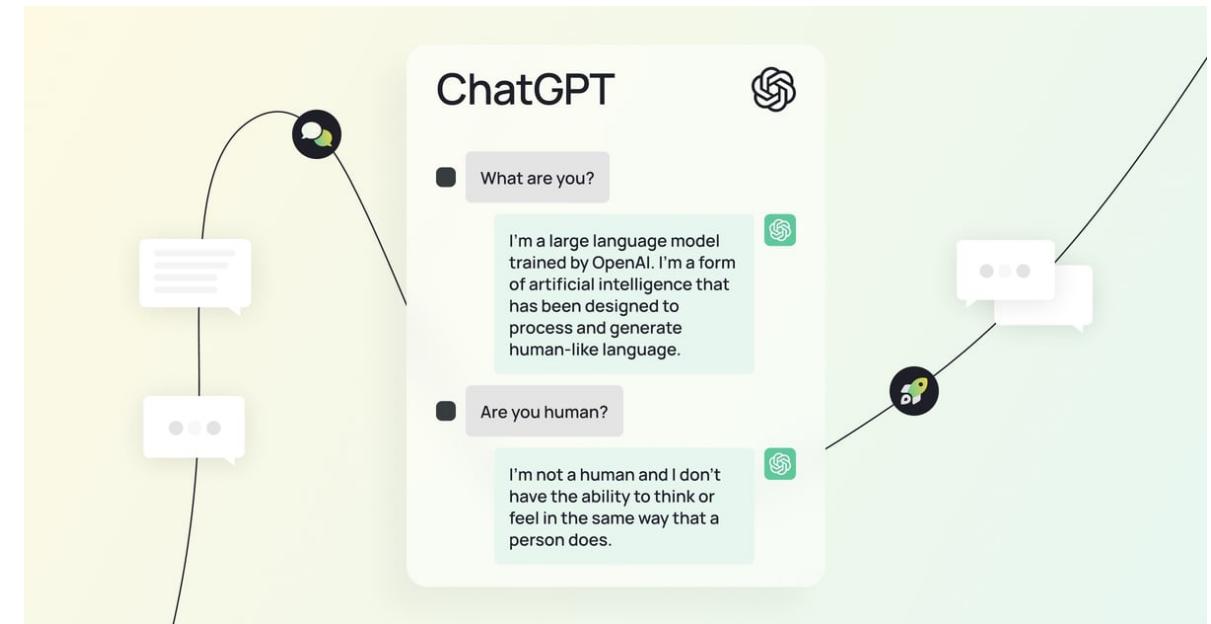
Leveraging AI Today

- What are some real-world ways we can utilize AI today?
 - ChatGPT*
 - Co-Pilot*
 - Security Tools
 - Chat Bots
 - Virtual Assistants
 - Context Understanding
 - Coding Autocompletion



ChatGPT

- *How do I use ChatGPT?*
 - Templates and Automation
 - Meeting Preparation/Summary
 - Project Planning
 - Strategy
 - Brainstorming
 - Research
 - Email drafting/review



Co-Pilot



- *What is Co-Pilot? (Microsoft Co-Pilot and Microsoft 365 Co-Pilot)*
 - Utilizes Chat-GPT4 and DALL-E 3
 - Co-Pilot is like an AI Assistant that trains on your organizations data, much like ChatGPT is trained on the internet (up to 2022-2024).
 - Co-Pilot is a work in progress – companies adopting it are the guinea pigs.
- *How are companies using Co-Pilot?*
 - *Integrated with 365 platform (Word, Excel, PowerPoint, Outlook, Teams).*
 - *Streamline operations, documentation, processes, reporting, etc.*
 - *Co-Pilot Pro*

The Duality of AI

- Potential vs Peril
- Innovation vs Regulation
- Empowerment vs Dependency
- Efficiency vs Ethical Considerations
- Optimism vs Caution
- Innovation vs Security
- Progress vs Control



Beyond the Horizon

- For better and for worse, AI is changing how we interact with technology and industries.
- Organizations should carefully train, embrace, and adopt it.
 - Embracing Emerging Technologies
 - Ethical Frameworks and AI Governance
 - Human-Machine Collaboration and AI Adoption
 - Understanding AI's Potential and Limitations
 - Identify Use Cases
 - Continuous Monitoring and Evaluation
 - Regulatory Compliance