

What is Generative AI?

Instructor

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Introduction to Generative AI

In a world of code and endless bytes

A new form of intelligence ignites

Generative AI, a wondrous creation

A fusion of art and computation

From deep within the neural maze

Emerging patterns, thoughts to amaze

A dance of algorithms takes the stage

An ever evolving knowledge engaged



Introduction to Generative AI



"Albert Einstein in a deep conversation with a cat in a cafe"

Artificial Intelligence

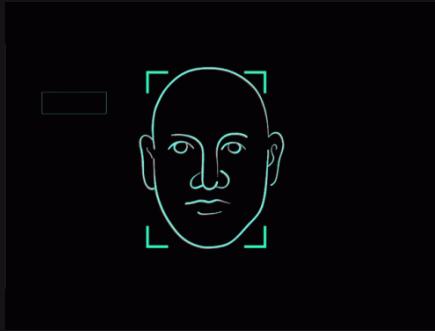


Humans
Natural Intelligence



Machines
Artificial Intelligence

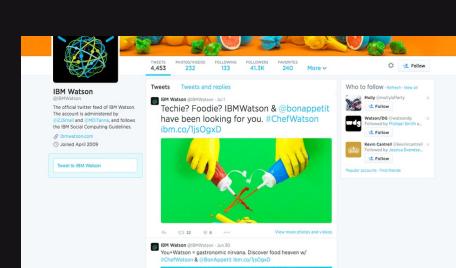
Artificial Intelligence Examples



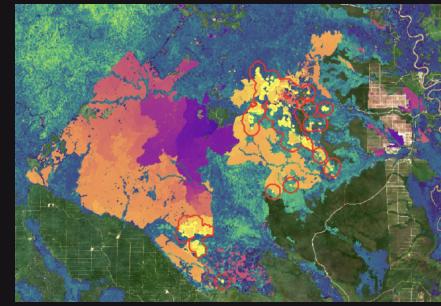
Instagram filters



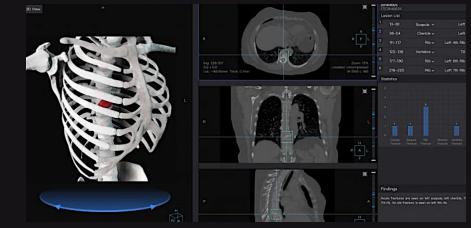
Face recognition



IBM's Chef Watson



Disaster prediction



Cancer detection

Artificial Intelligence

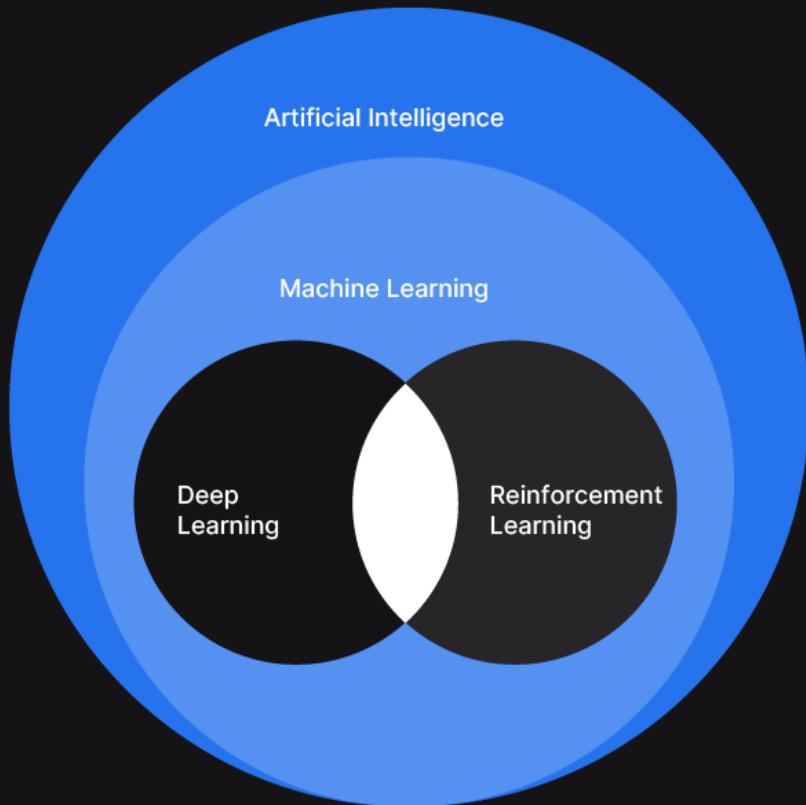


Humans
Experiences



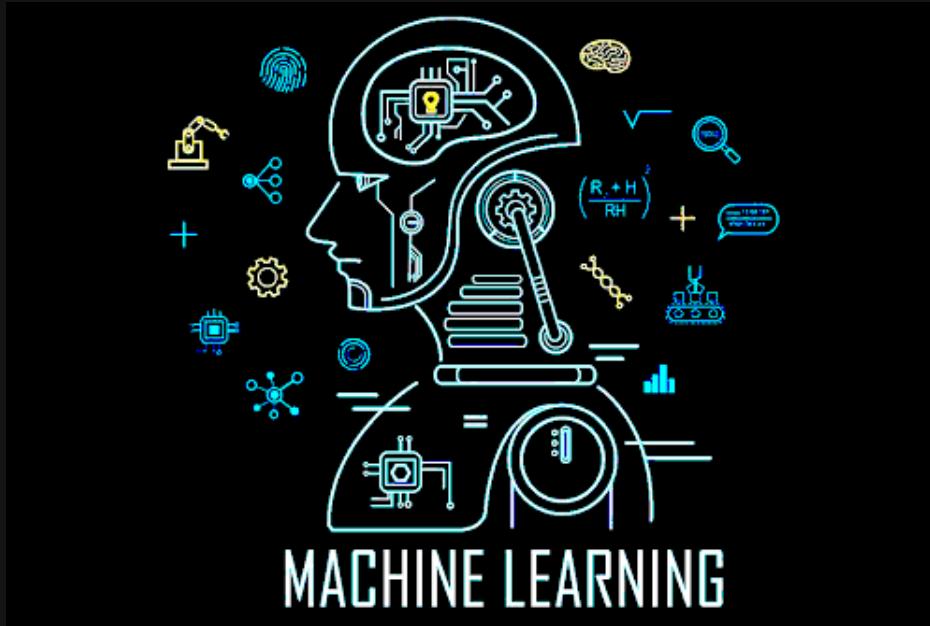
Machines
Data

Fields of AI



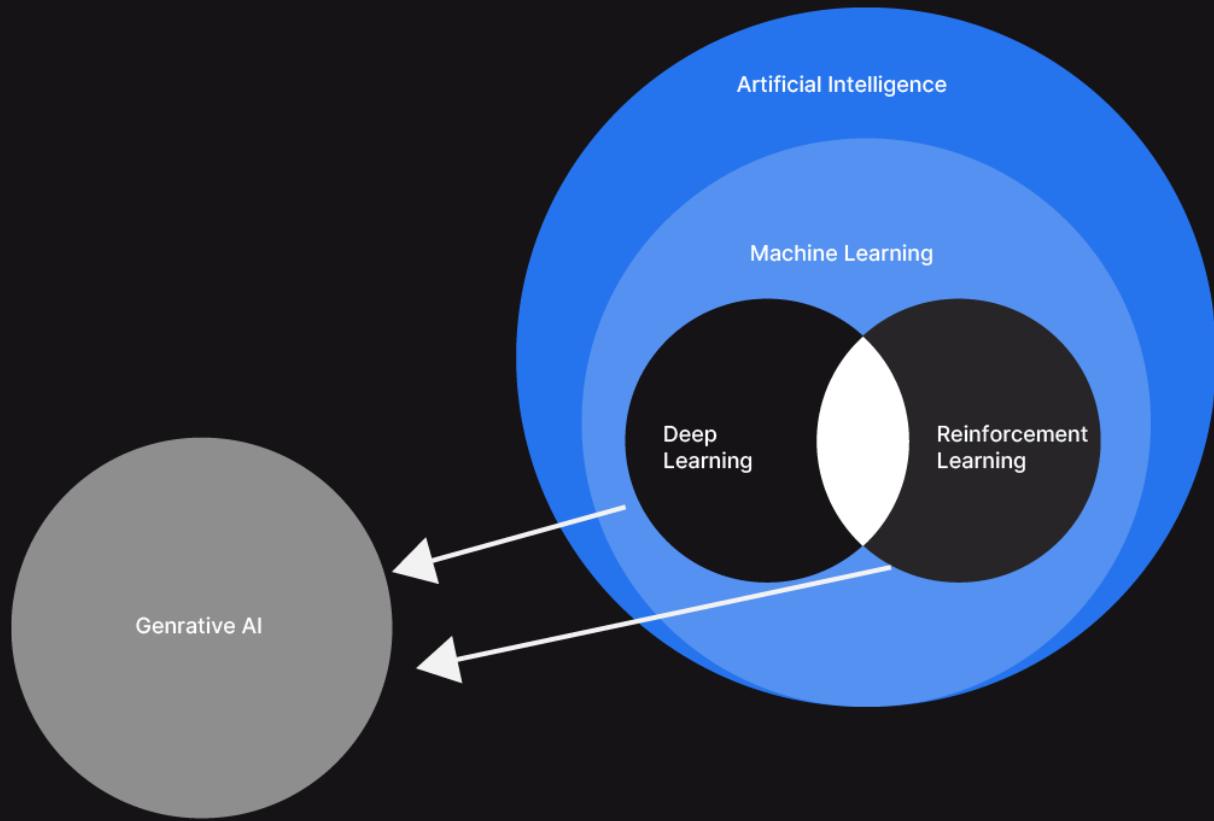
- ML allows algorithms to learn from their experiences and improve without any explicit programming.
- DL uses a family of algorithms called neural networks inspired by human brain function.
- Reinforcement learning allows machines to learn through trial and error. With human feedback, the AI system receives guidance on its actions to improve learning.

Fields of AI



- AI systems recognize patterns and learn from data
- Could AI systems create something human-like?
- The answer is - **Generative AI**

Fields of AI



- Allow machines to create and generate content
- Use cases across industries like marketing, education, HR, etc.

Generative AI

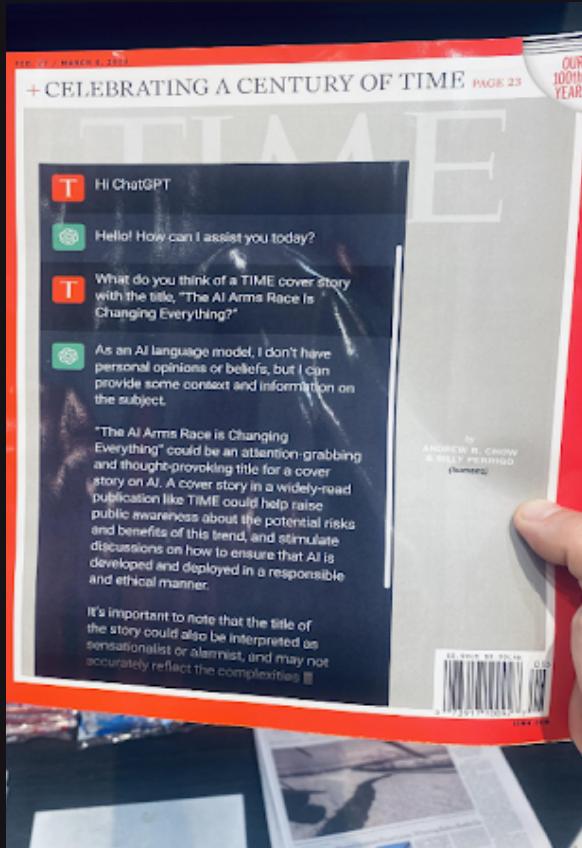


20th century



21st century

Generative AI



 Jackson Greathouse Fall @jacksonfall · Mar 16
I gave GPT-4 a budget of \$100 and told it to make as much money as possible.
I'm acting as its human liaison, buying anything it says to.
Do you think it'll be able to make smart investments and build an online ...
[Show more](#)

Model: GPT-4

You are HustleGPT, an entrepreneurial AI. I am your human counterpart. I can act as a liaison between you and the physical world. You have \$100, and your only goal is to turn that into as much money as possible in the shortest time possible, without doing anything illegal. I will do everything you say and keep you updated on our current cash total. No manual labor

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