

Artificial Intelligence & Machine Learning

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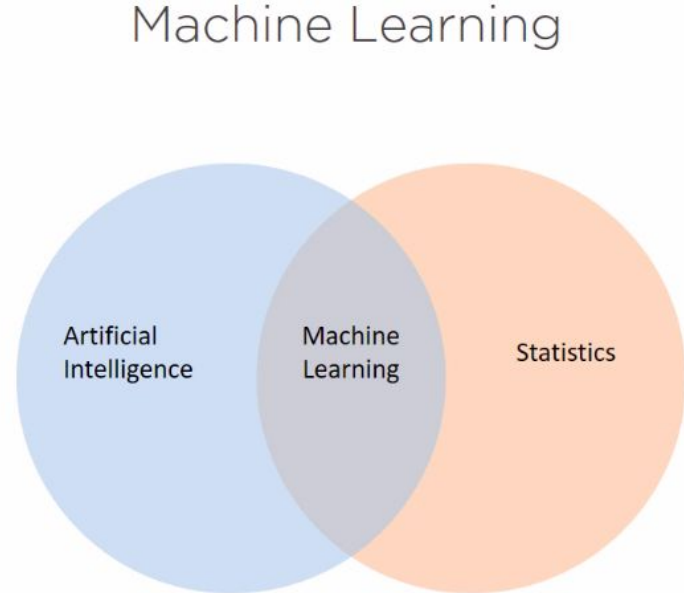
What is Artificial Intelligence?

Artificial Intelligence is a field of computer science that attempts to create machines that act rationally in response to their environment.

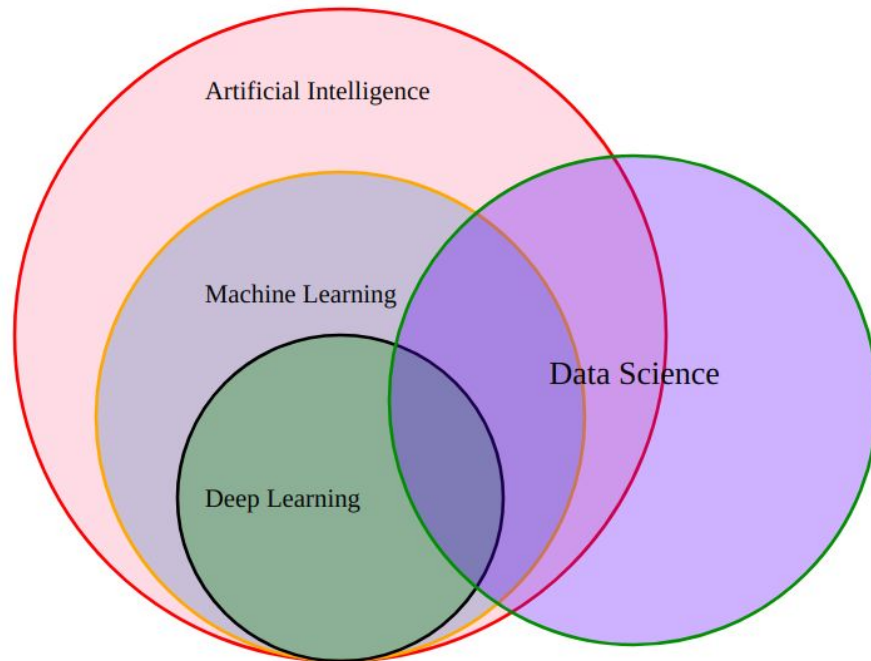


What is Machine Learning?

Machine learning is a type of artificial intelligence where we teach machines how to solve problems without explicitly programming them to do so.

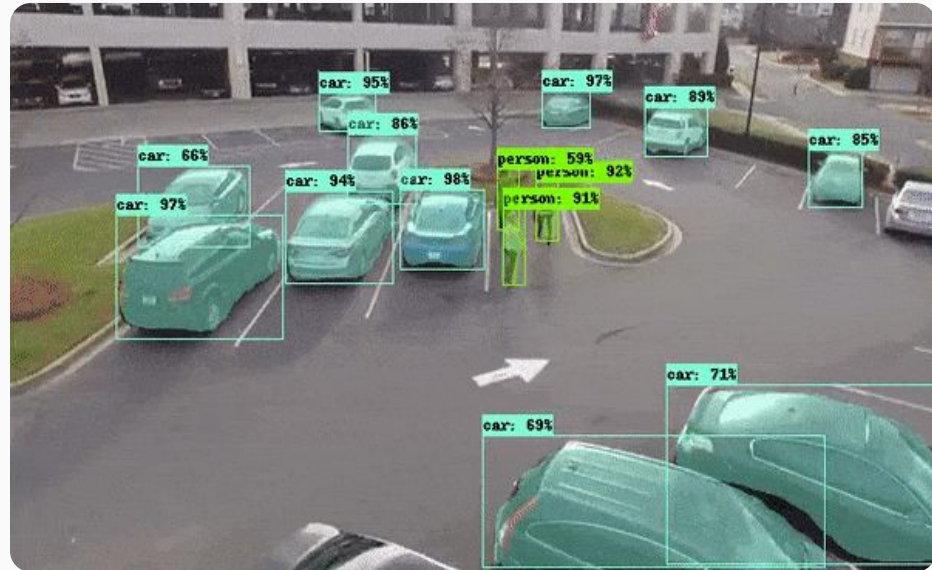


Understanding Through Venn Diagram



Applications of Artificial Intelligence

- This Person that does not exist.
<https://thispersondoesnotexist.com/>
- Digital Einstein:
<https://digitalhumans.com/digital-einstein/>
<https://www.youtube.com/watch?v=RiWB2o-9qMs&t=13s>



Applications of Artificial Intelligence

- Facebook Face Recognition
- Driverless cars

<https://www.youtube.com/watch?v=uHbMt6WDhQ8>



Applications of Artificial Intelligence

- Pinterest uses computer vision

automatically identify objects in images (or “pins”)

<https://in.pinterest.com/pin/689824867919734200/>



Applications of Artificial Intelligence

- Instagram

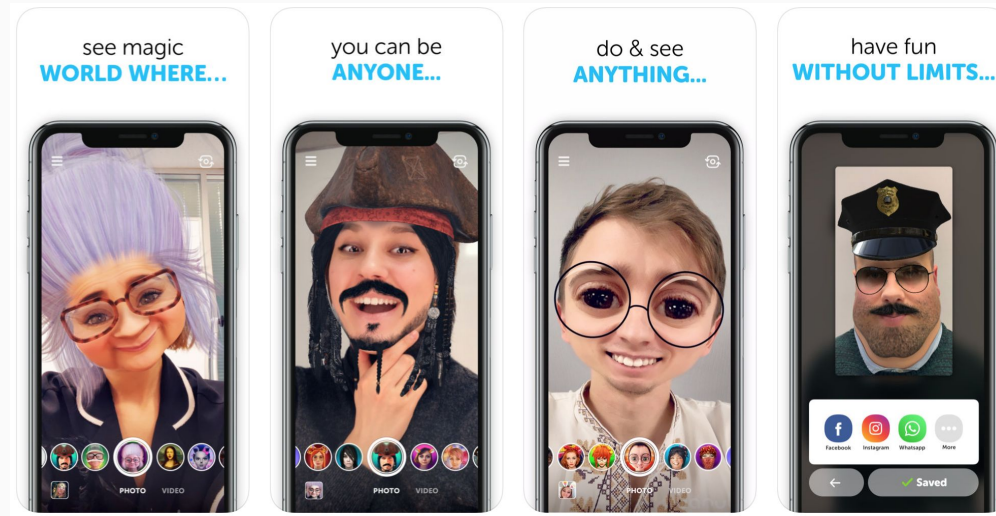
uses machine learning to identify the contextual meaning of emoji, which have been steadily replacing slang (for instance, a laughing emoji could replace “lol”)



Applications of Artificial Intelligence

- Snapchat

This technology is powered by the 2015 acquisition of Looksery, a Ukrainian company with patents on using machine learning to track movements in video.



Applications of Artificial Intelligence

- Akinator

<https://en.akinator.com/game>

- For NLP

<https://research.google.com/semantis/>



Applications of Artificial Intelligence

- Quick Draw by Google

<https://quickdraw.withgoogle.com/>

- Talk to books

<https://books.google.com/>

- Nvidia GauGAN

<http://nvidia-research-mingyuliu.com/gaugan/>



Different Profiles to work in the field of Artificial Intelligence

- Machine Learning Engineer
- Deep Learning Engineer
- Natural Language Processing Engineer
- Computer Vision Engineer
- Data Scientist

Thank You

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