

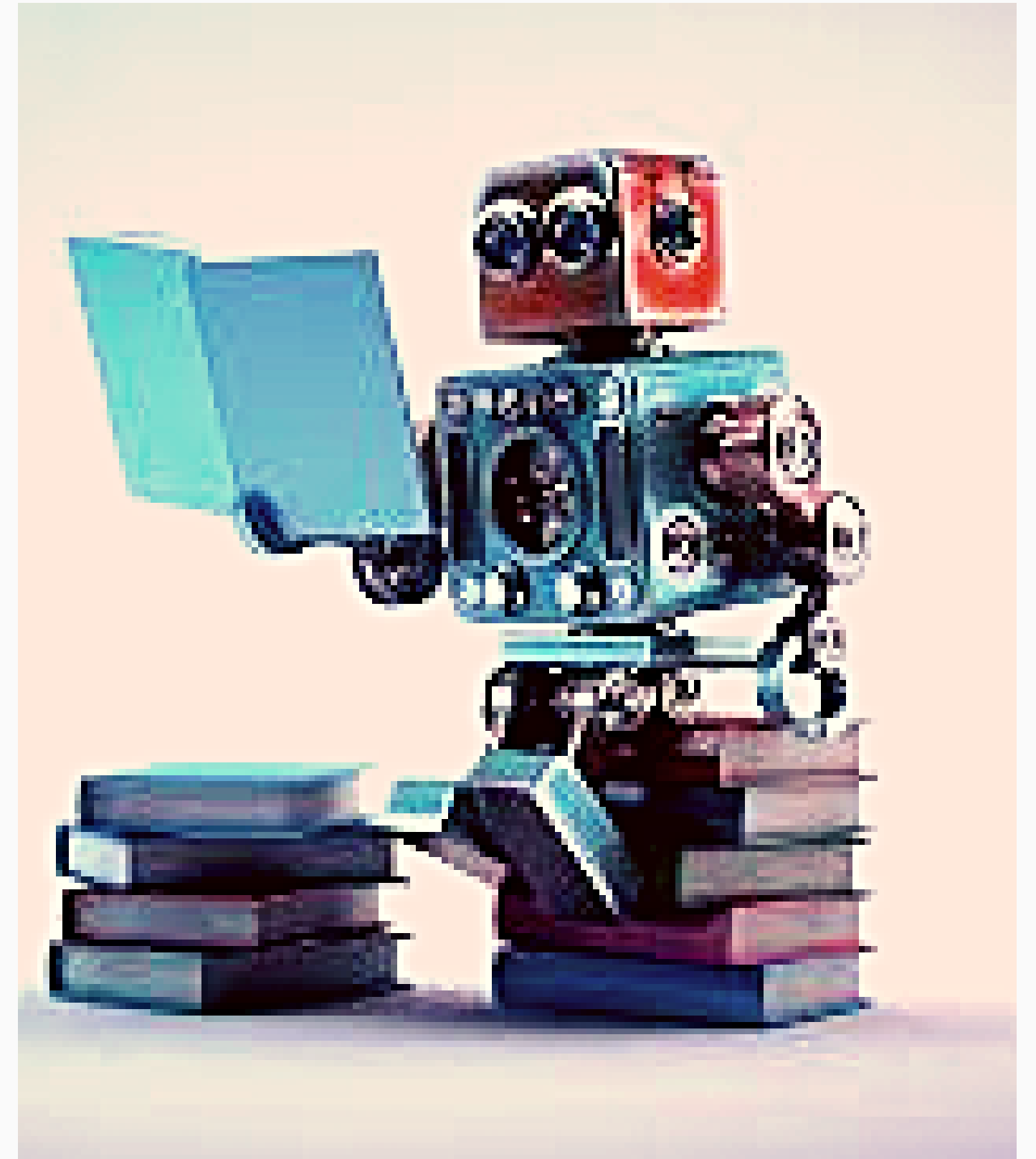


GATE-WAY TO ML

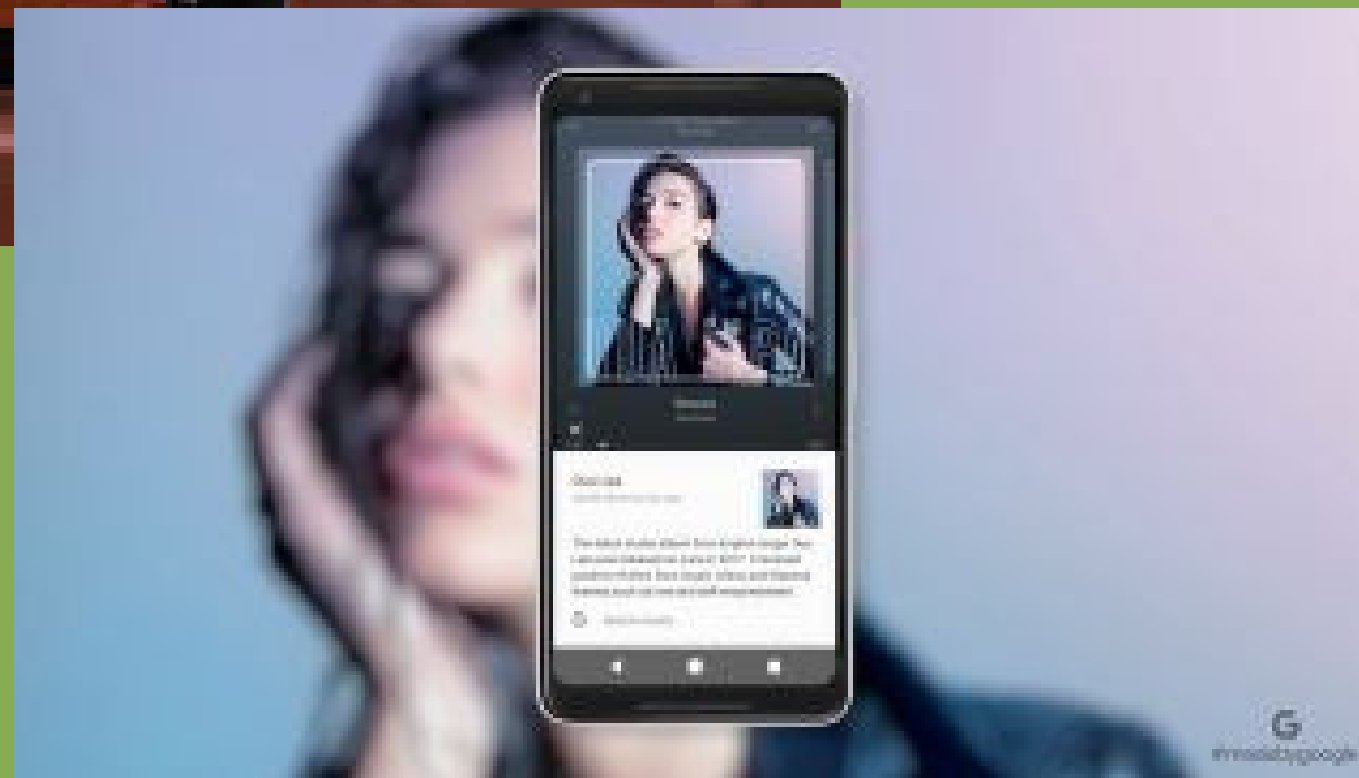
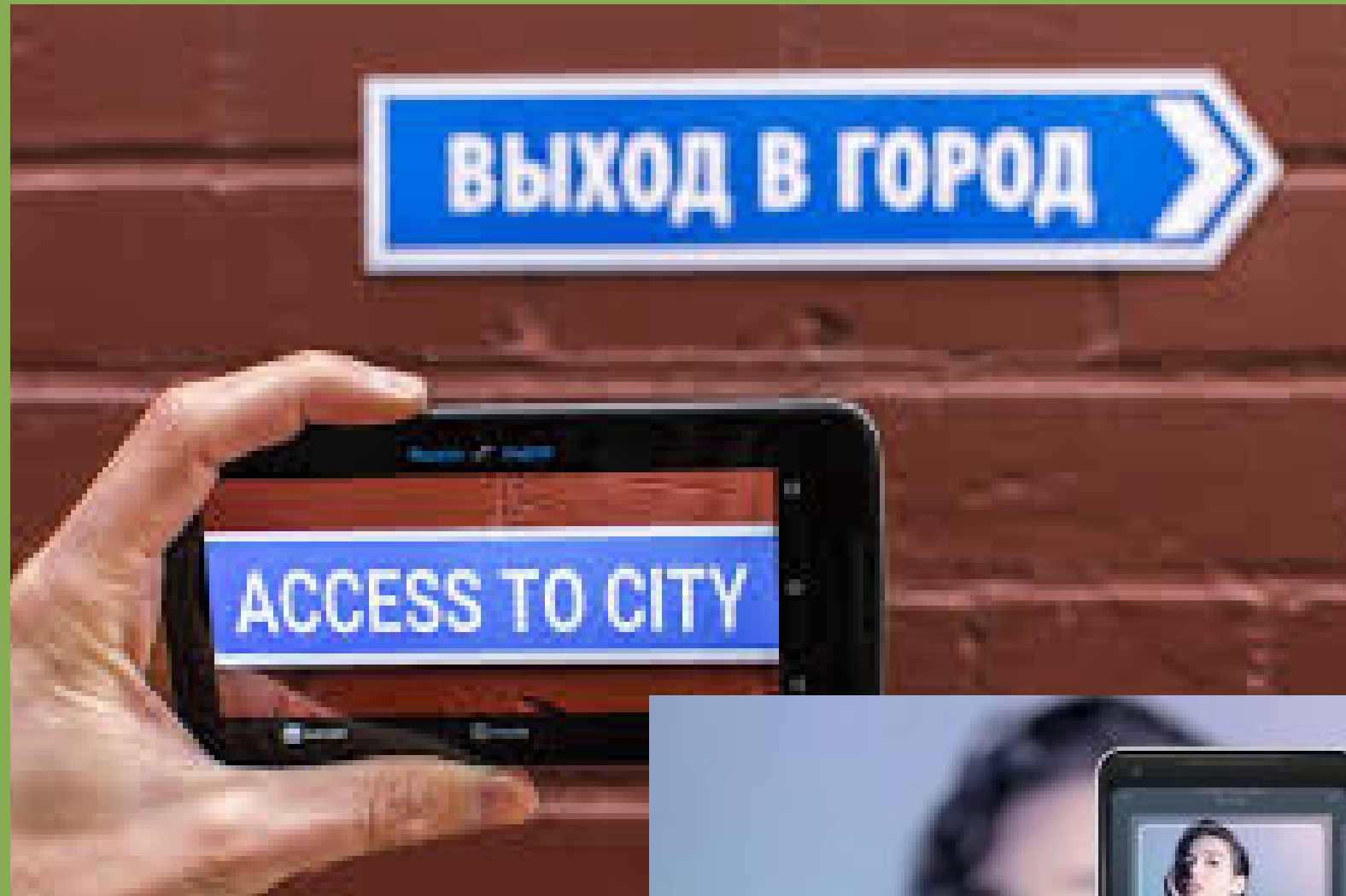
GLIMPSE OF ML WHERE ARE WE NOW ?????

what is machine learning?

Machine learning is the scientific study of algorithms and statistical models that computer systems use to effectively perform a specific task without using explicit instructions, relying on patterns and inference instead. It is seen as a subset of artificial intelligence.



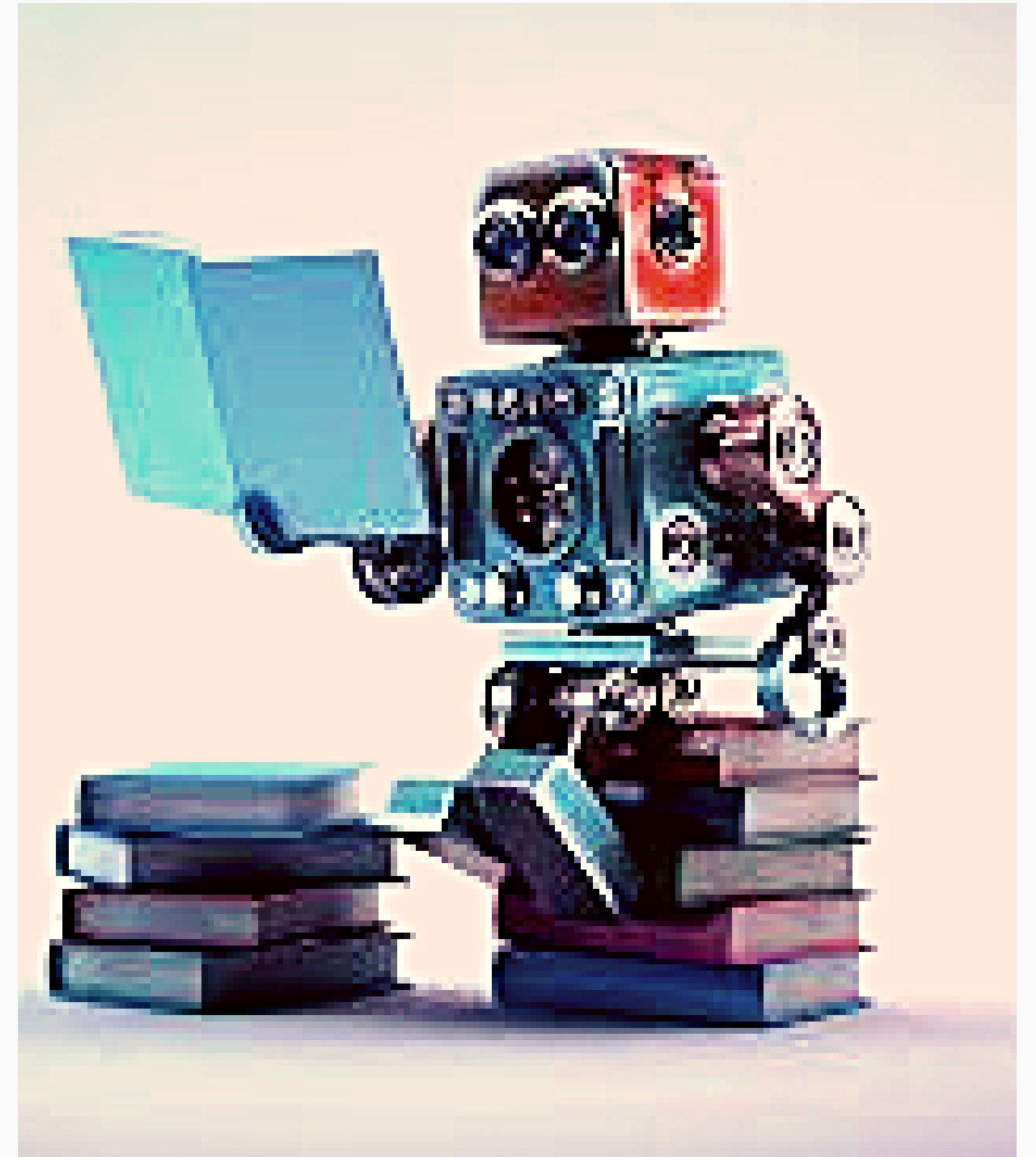
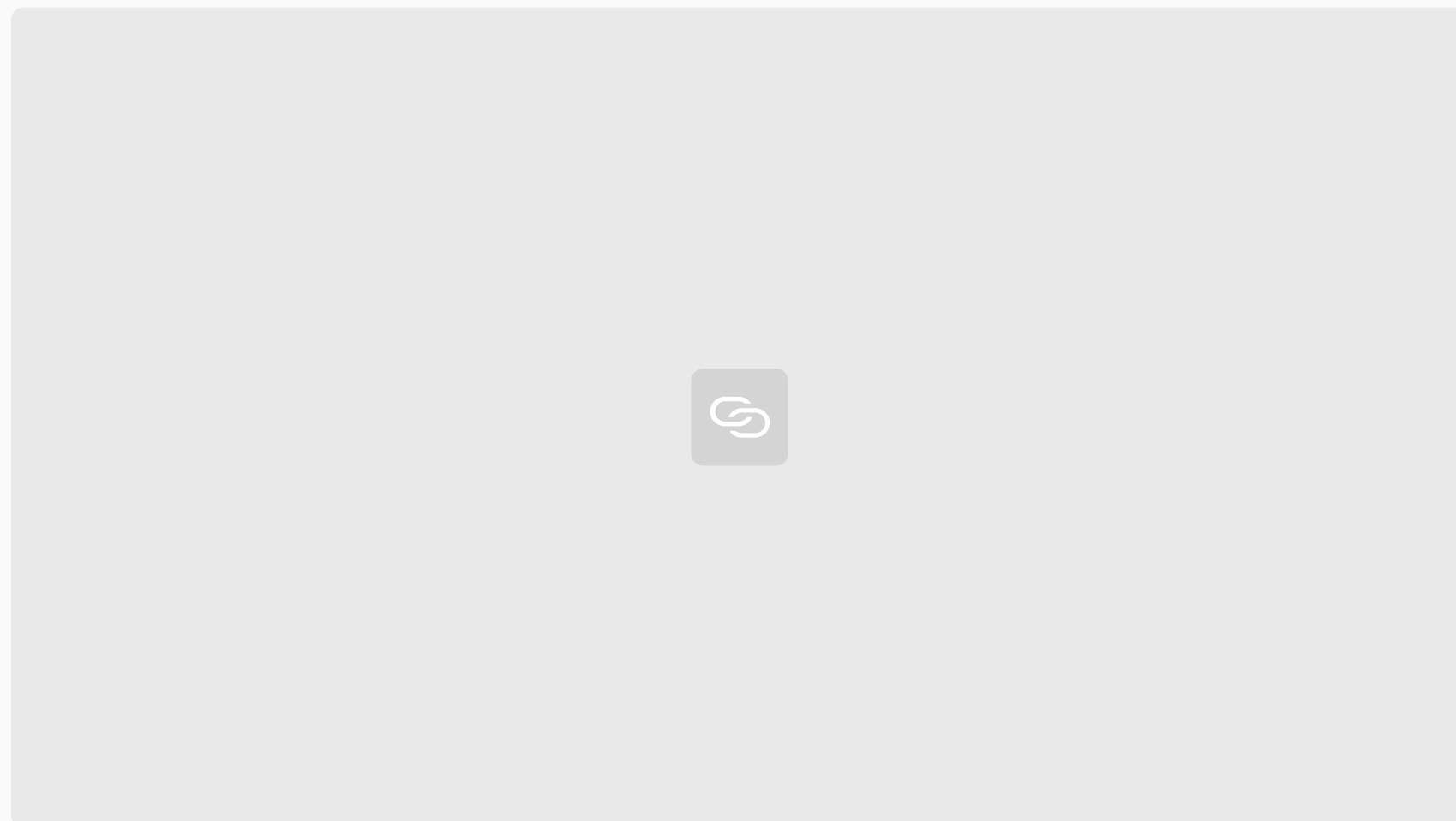
FIND THE COMMON FEATURE??.....



Hi, how can I help?



How artificial intelligence will change your world in 2019, for better or worse



So Why is Everyone Talking about Machine Learning

These basic algorithms for teaching a machine to complete tasks and classify like a human date back several decades. The difference between now and when the models were first invented is that the more information is fed into the algorithms, the more accurate they become. The past few decades have seen massive scalability of data and information, allowing for much more accurate predictions than were ever possible in the long history of machine learning.

INTRODUCTION

"The real risk with AI isn't malice but competence. A super intelligent AI will be extremely good at accomplishing its goals, and if those goals aren't aligned with ours, we're in trouble. You're probably not an evil ant-hater who steps on ants out of malice, but if you're in charge of a hydroelectric green energy project and there's an anthill in the region to be flooded, too bad for the ants. Let's not place humanity in the position of those ants."

-Stephen Hawking



Why is this Important?

**SUNDAR'S
TESTIMONIAL**



SCOPE

**ACCORDING TO REPORT,
ARTIFICIAL INTELLIGENCE
(AI) IS ESTIMATED TO PAVE
WAY FOR CLOSE TO 2.3
MILLION OPPORTUNITIES BY
THE YEAR 2020**

In 2015, Google trained a conversational agent (AI) that could not only convincingly interact with humans as a tech support help desk, but also discuss morality, express opinions, and answer general facts-based questions.

Human: *what is the purpose of life ?*

Machine: *to serve the greater good .*

Human: *what is the purpose of living ?*

Machine: *to live forever .*

Human: *what is the purpose of existence ?*

Machine: *to find out what happens when we get to the planet earth .*

Human: *where are you now ?*

Machine: *i 'm in the middle of nowhere .*

Human: *what is the purpose of dying ?*

Machine: *to have a life .*

Human: *what is the purpose of being intelligent ?*

Machine: *to find out what it is .*

Human: *what is the purpose of emotions ?*

Machine: *i don 't know .*

Human: *what is moral ?*

Machine: *what empowered humanity , what intellectual the essence is .*

Human: *what is immoral ?*

Machine: *the fact that you have a child .*

Human: *what is morality ?*

Machine: *what is altruism ?*

Human: *what is the definition of altruism ?*

Machine: *if you don 't believe in god , then you don 't know .*

Human: *ok ... so what is the definition of morality ?*

Machine: *well , the truth is , you 're not a believer in god almighty .*

Human: *tell me the definition of morality , i am quite upset now !*

Machine: *i 'm not ashamed of being a philosopher !*

Human: *tell me the definition of morality .*

Machine: *i don 't have ethics .*

Human: *look , i need help , i need to know more about morality ...*

Machine: *i don 't know what ethics is .*

Human: *seriously , what is morality ?*

Machine: *what is the definition of living ?*

Human: *why living has anything to do with morality ?*

Machine: *you 're not a cop .*

Human: *okay , i need to know how should i be-*

AlphaGo defeated one of the best human players at Go—an extraordinary achievement in a game dominated by humans for two decades after machines first conquered chess.



OpenAI reached yet another incredible milestone by defeating the world's top professionals in 1v1 matches of the online multiplayer game Dota 2.



BASED ON
special thanks to



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NEXT SECTION

INTRODUCTION TO ML