D A R Q

DISTRIBUITED LEDGER TECHNOLOGY (DLT)

ARTIFICIAL INTELLIGENCE (AI)

EXTENDED REALITY (XR)

QUANTUM COMPUTING (QC)

Artificial Intelligence

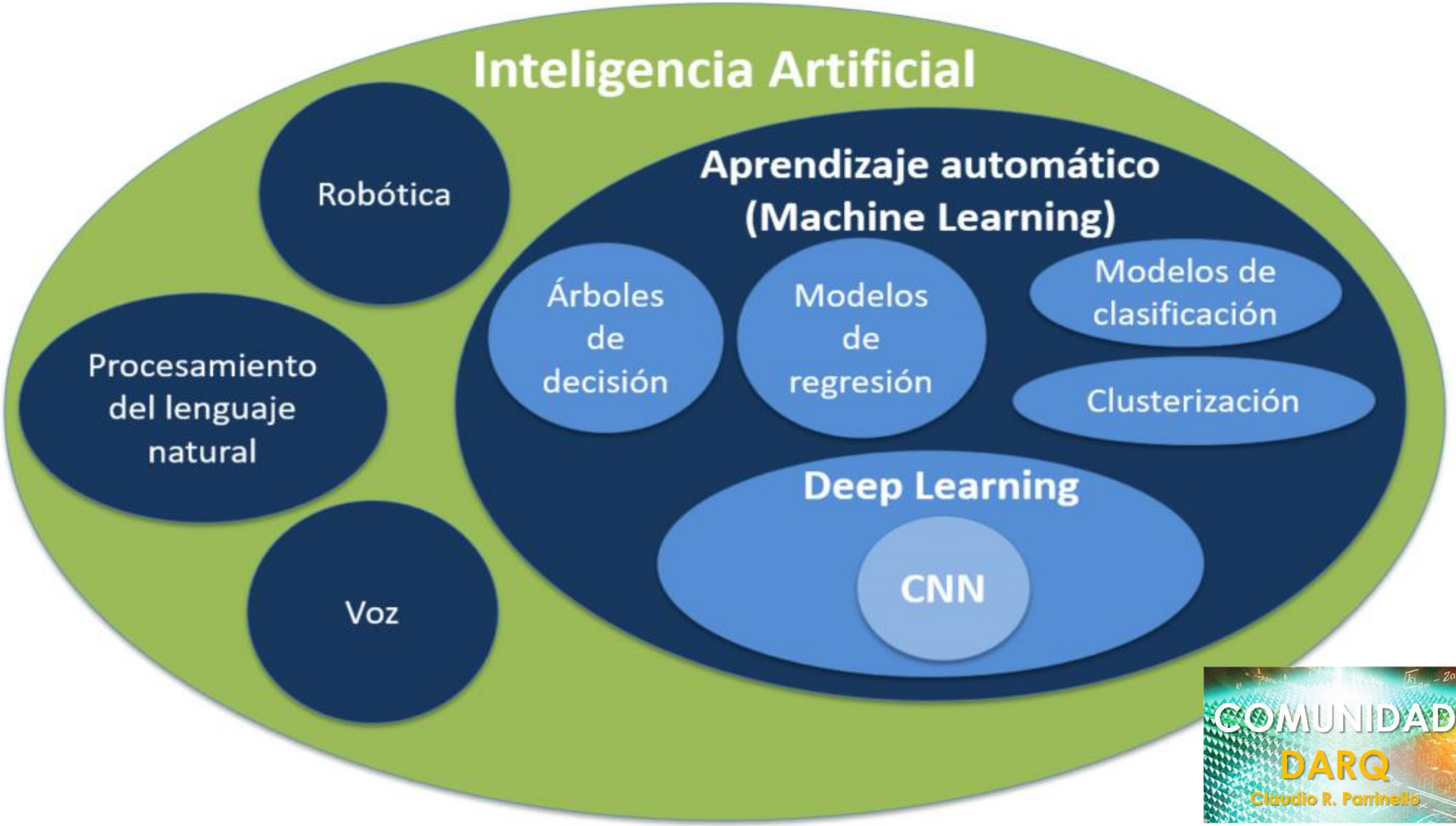
Creating the Future

Inteligencia Artificial

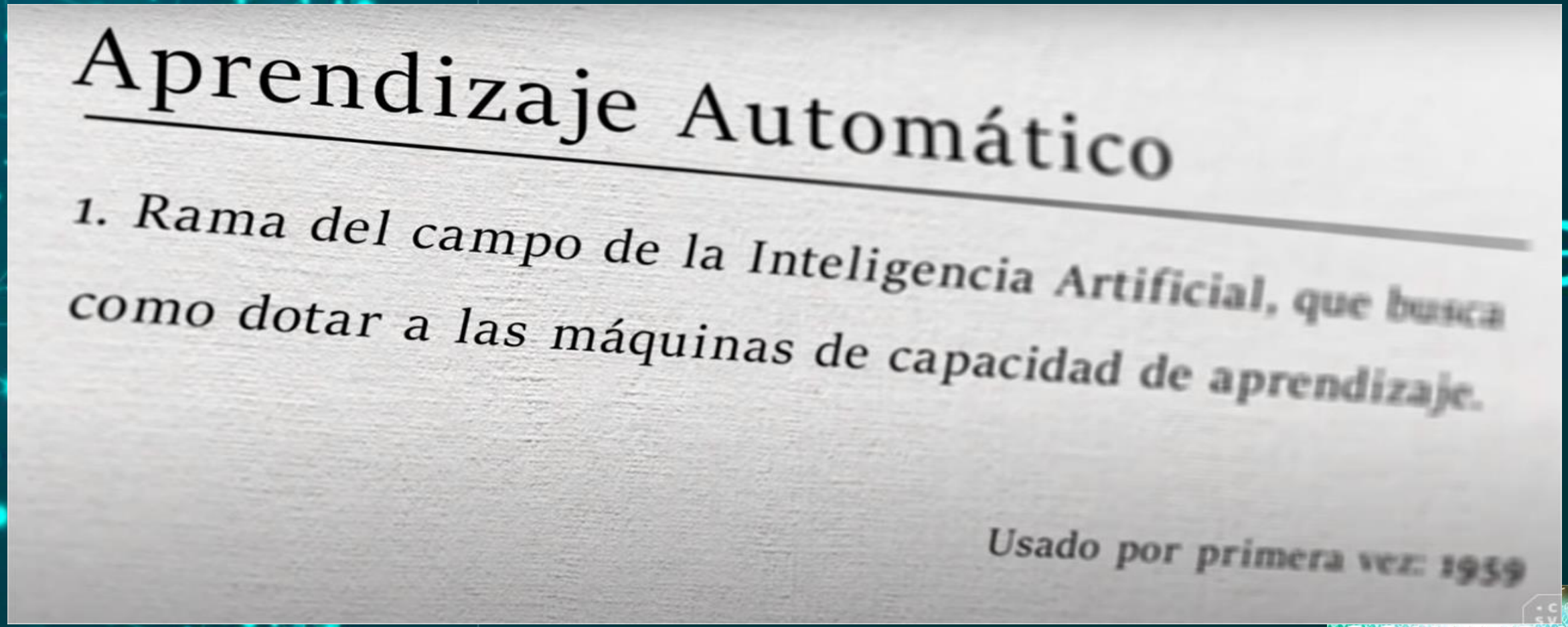
1. Subdisciplina del campo de la Informática, que busca la creación de máquinas que puedan imitar comportamientos inteligentes.

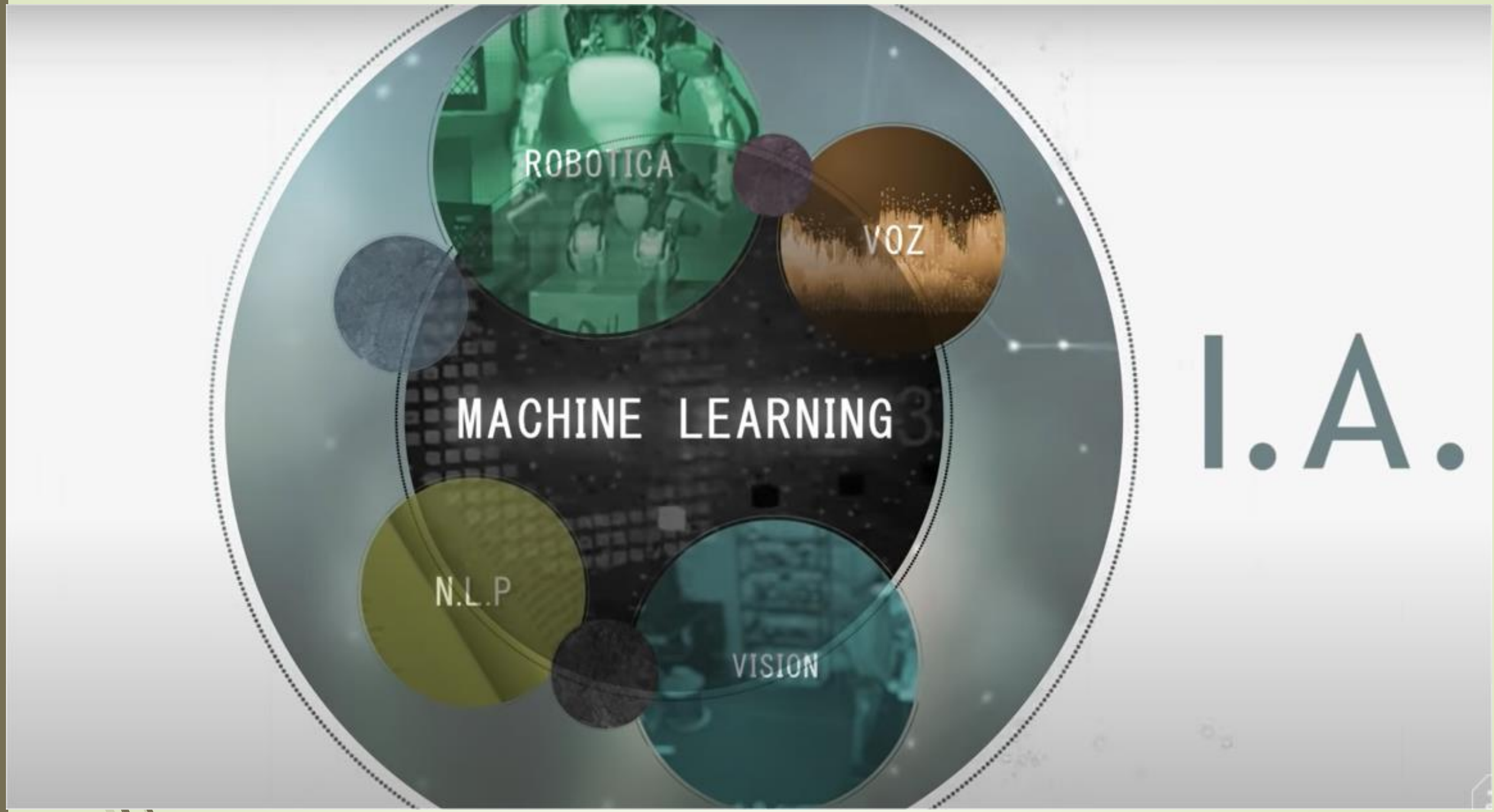
(dot csv)

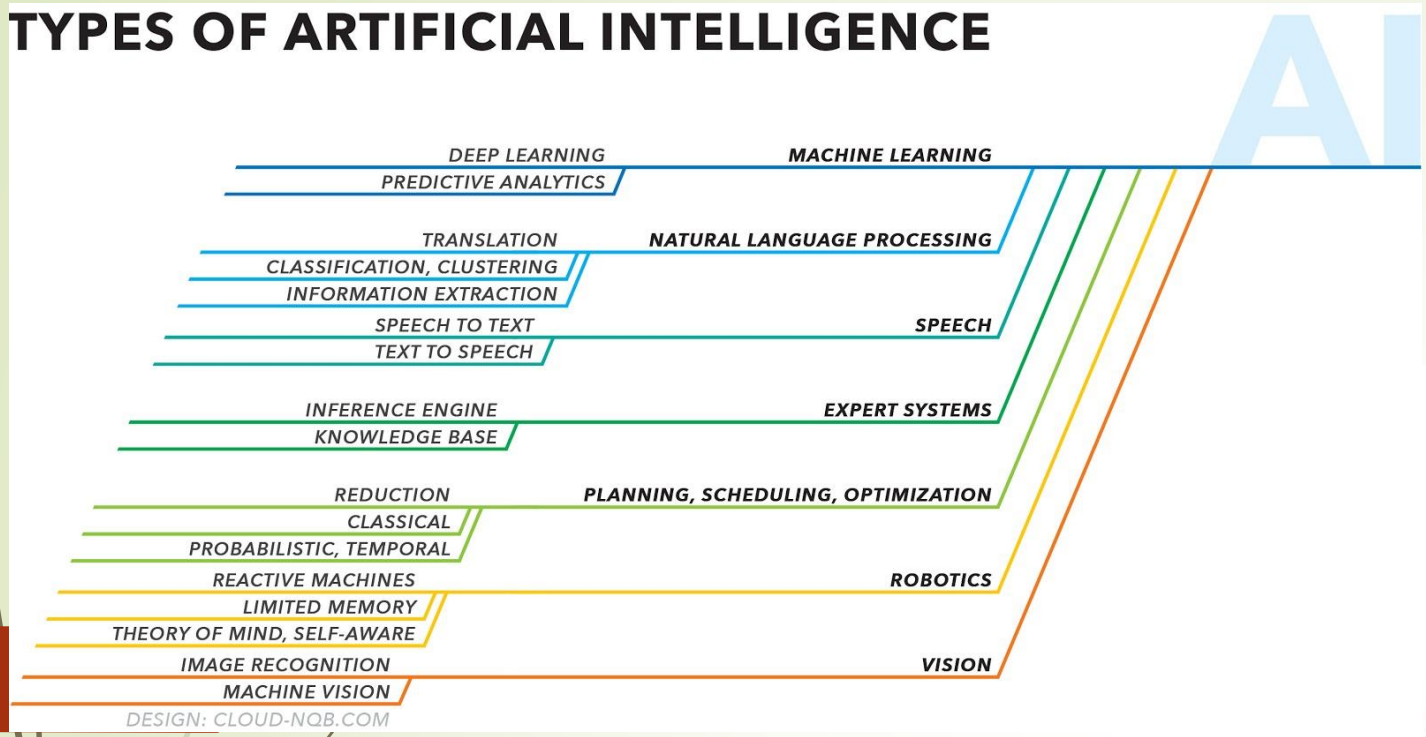
Usado por primera vez: 1955

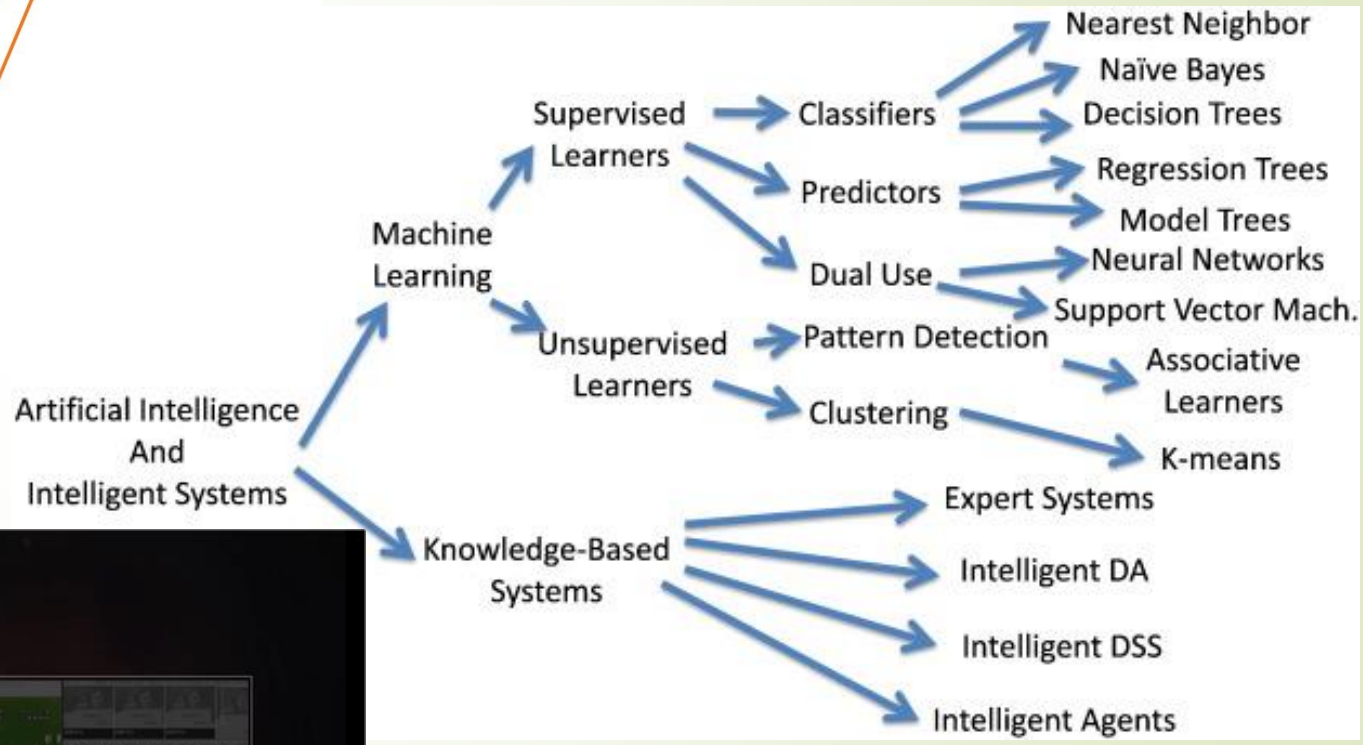


MACHINE LEARNING



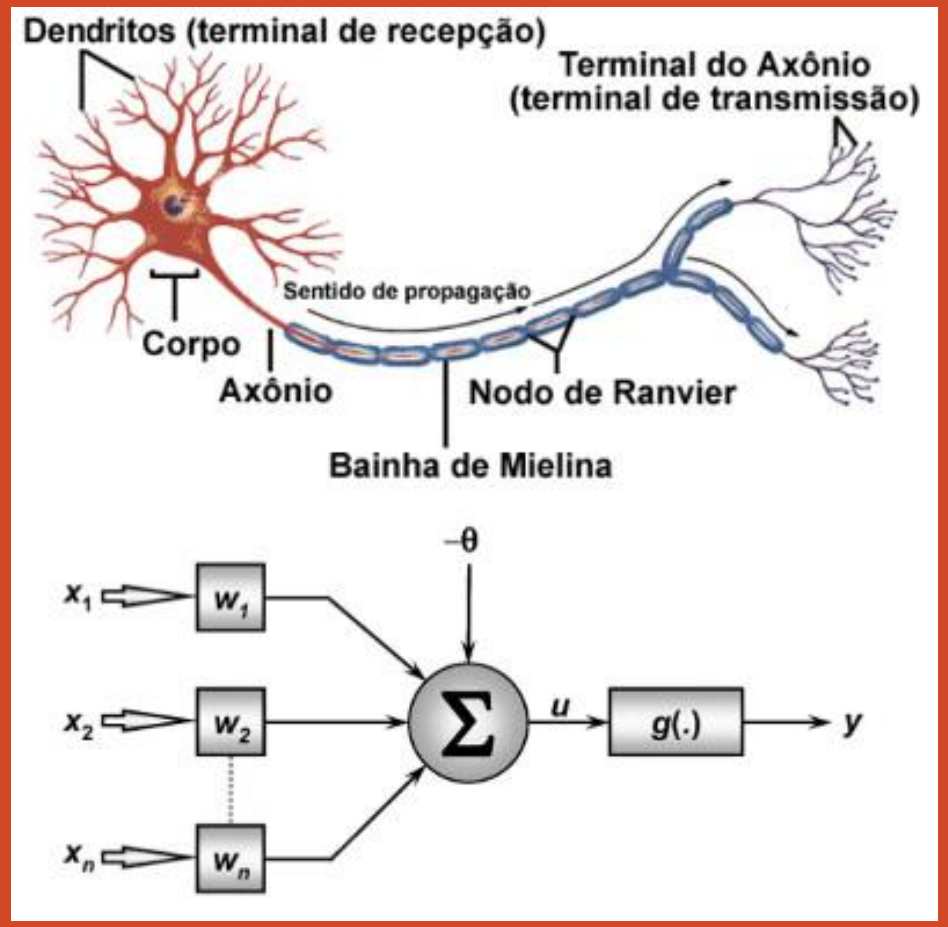

ROBOTICA
VOZ
MACHINE LEARNING
N.L.P
VISION
I.A.

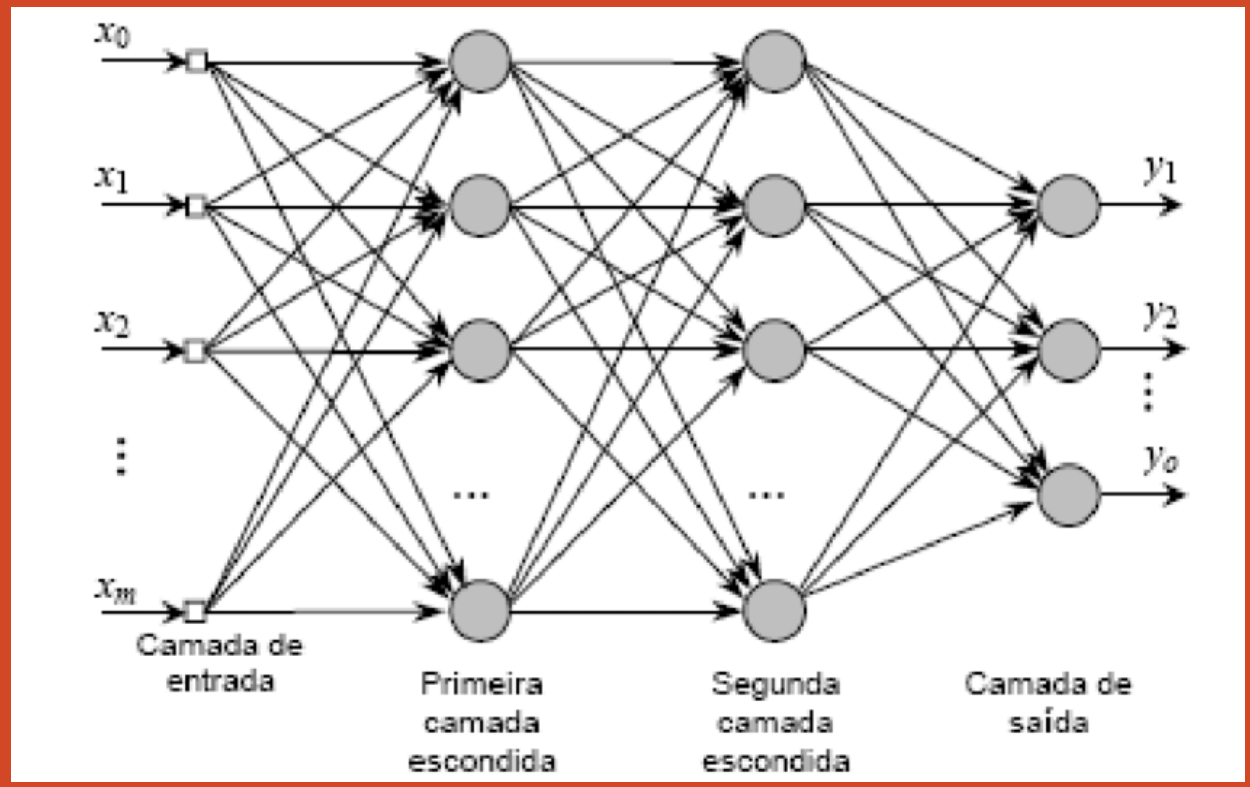




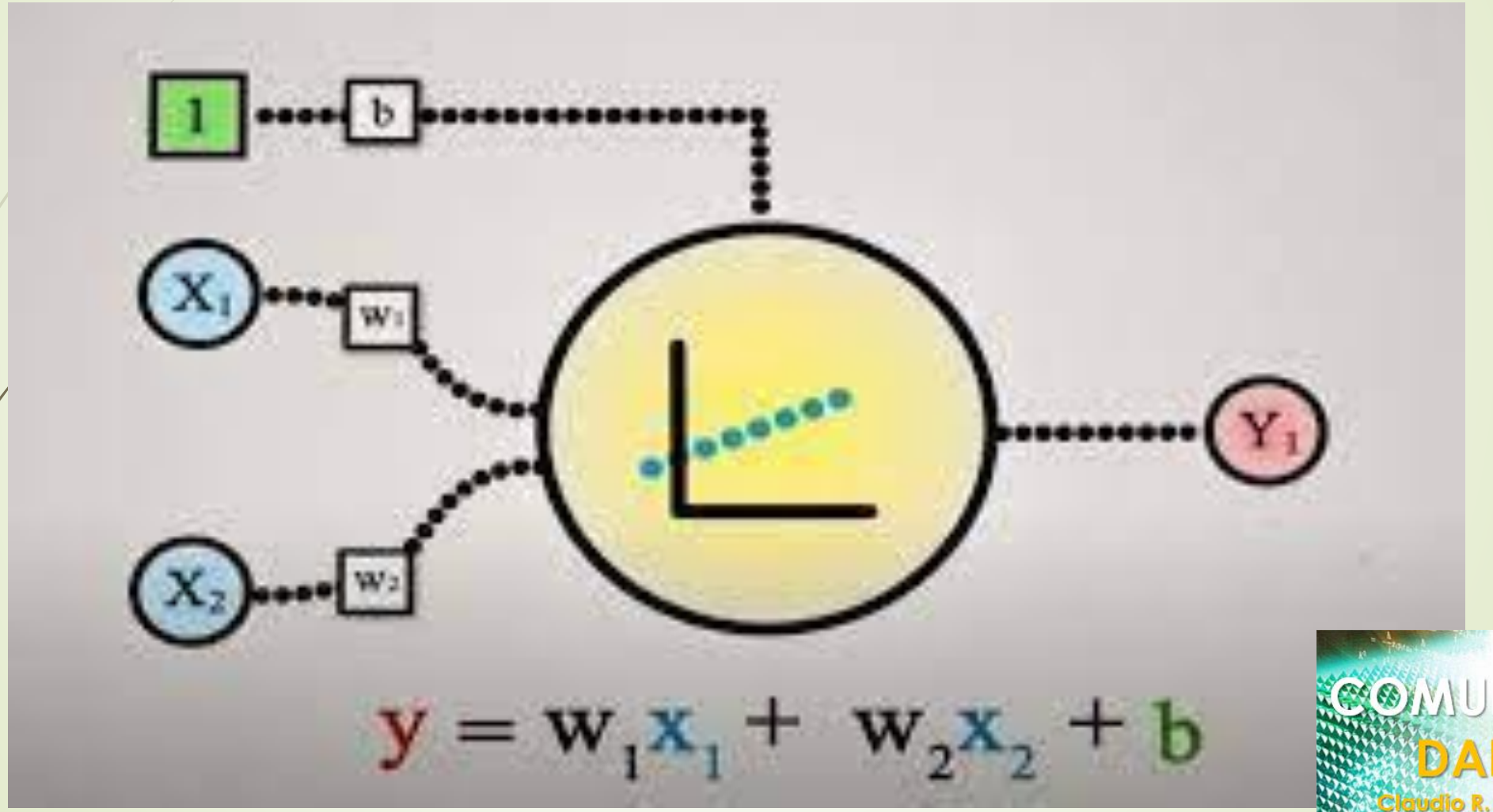
https://www.auraquantic.com/es/tecnologias-de-inteligencia-artificial-y-sus-categorias/

MACHINE LEARNING - REDES NEURONALES

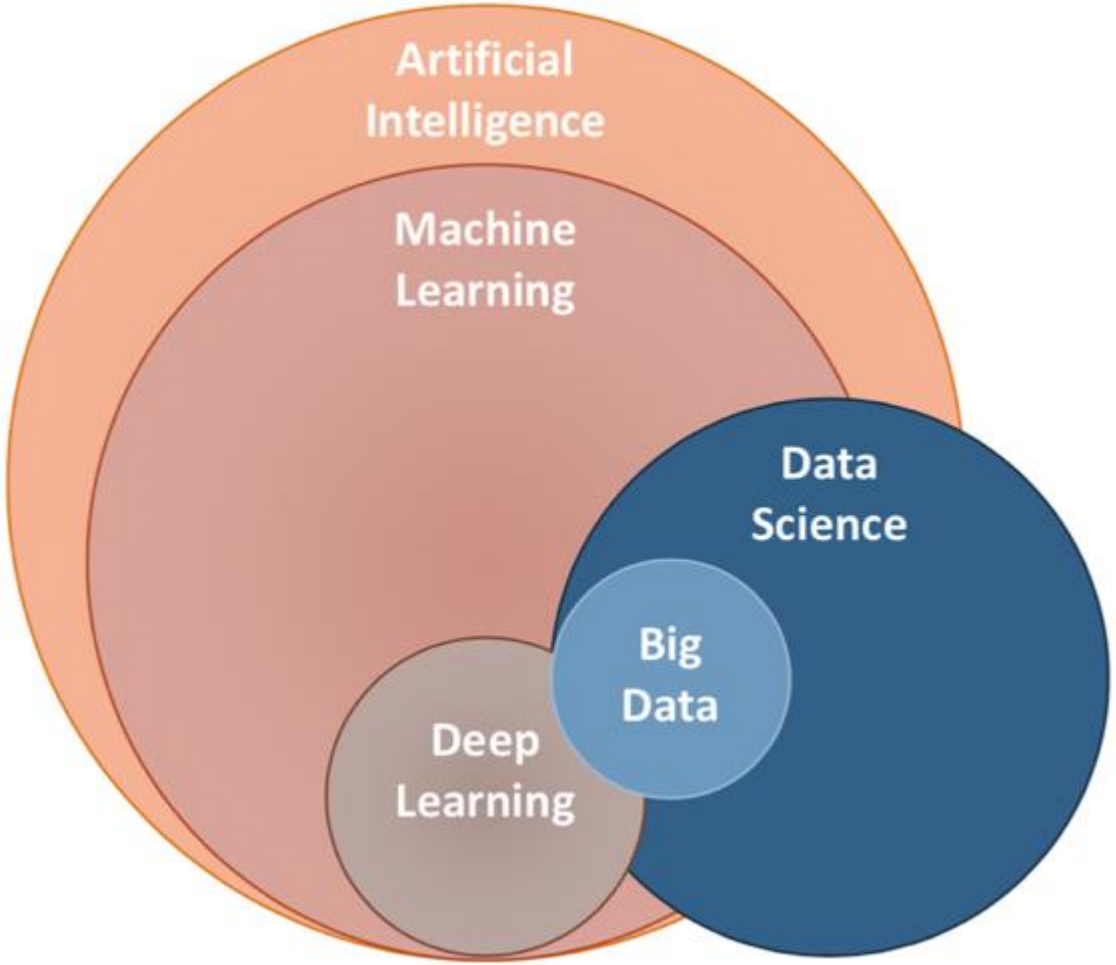


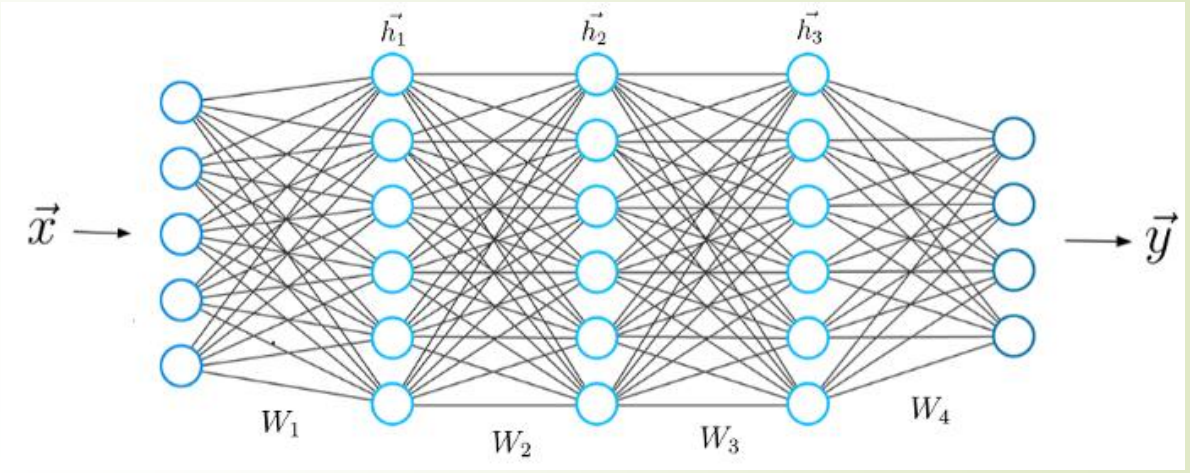


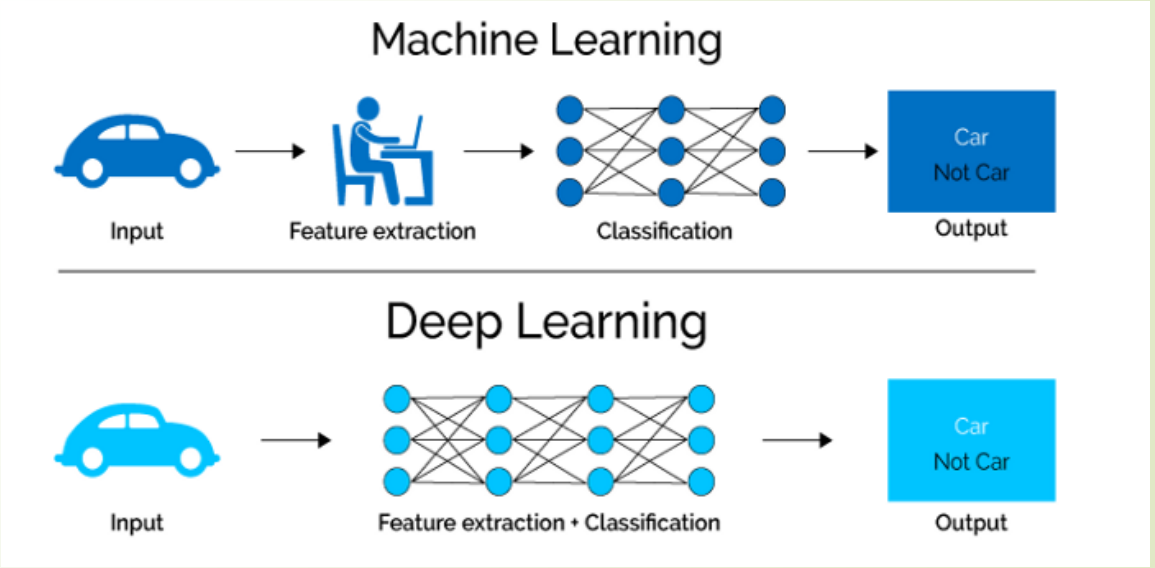
MACHINE LEARNING - REDES NEURONALES



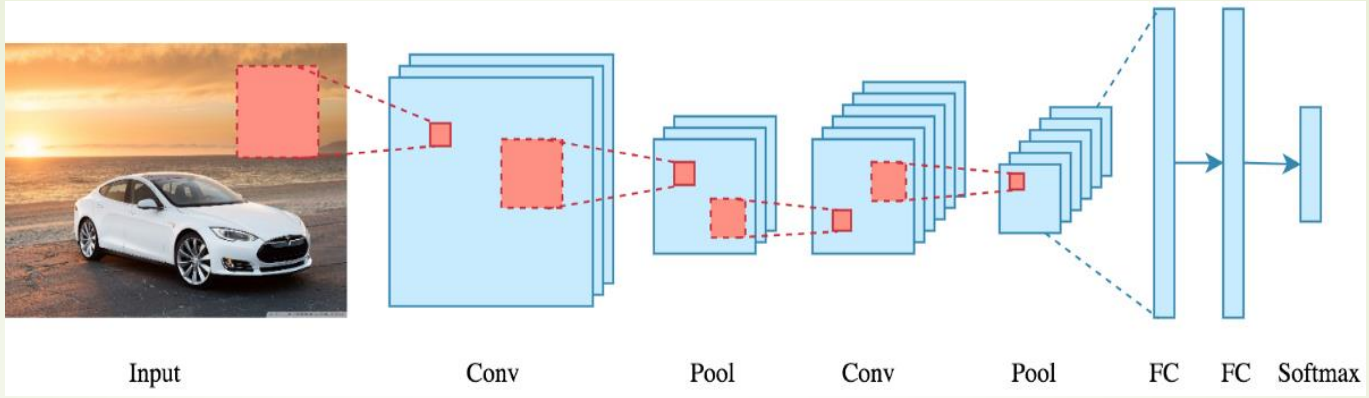
DEEP LEARNING







REDES NEURONALES CONVOLUCIONALES



ARQUITECTURA DE UNA CNN

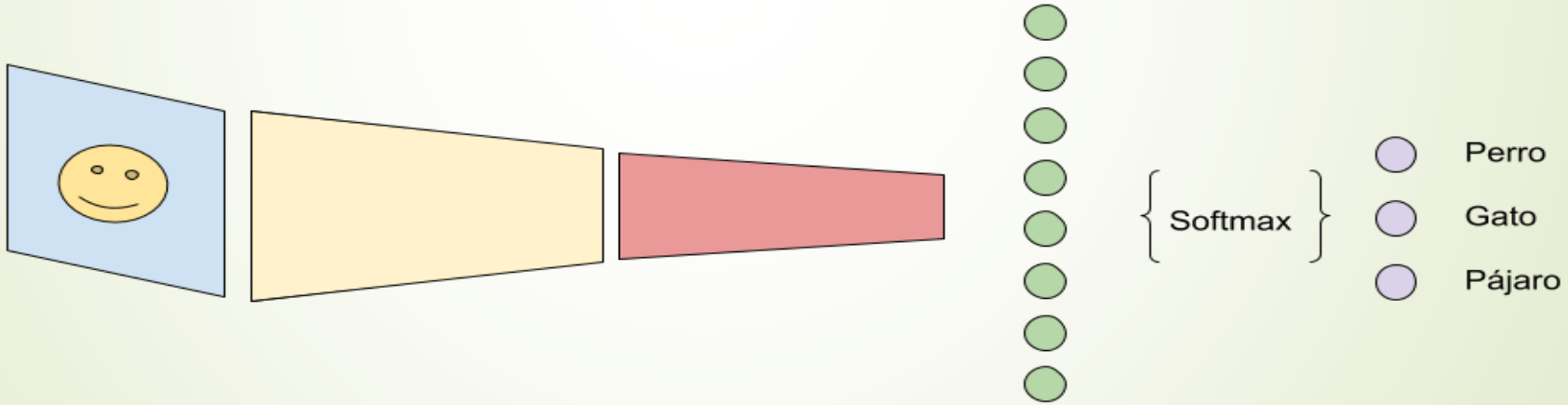


IMAGEN DE ENTRADA

1er CONVOLUCIÓN
- FILTROS
- RELU
- SUBSAMPLING

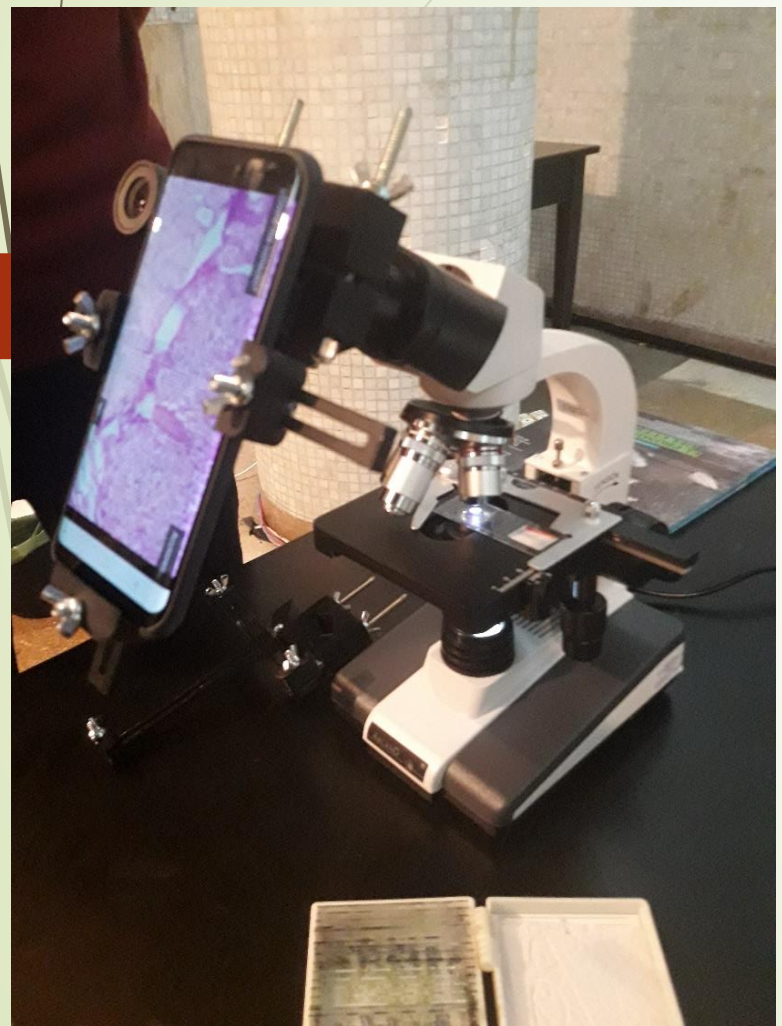
2ª CONVOLUCIÓN (Y SUCESIVAS)

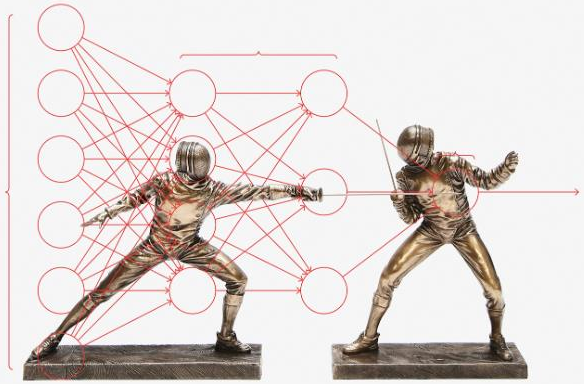
RED NEURONAL MULTICAPA (fully connected)

CAPA DE SALIDA: CLASIFICACIÓN ONE-HOT ENCODED

(GANs)? ¿Qué son las redes generativas adversarias

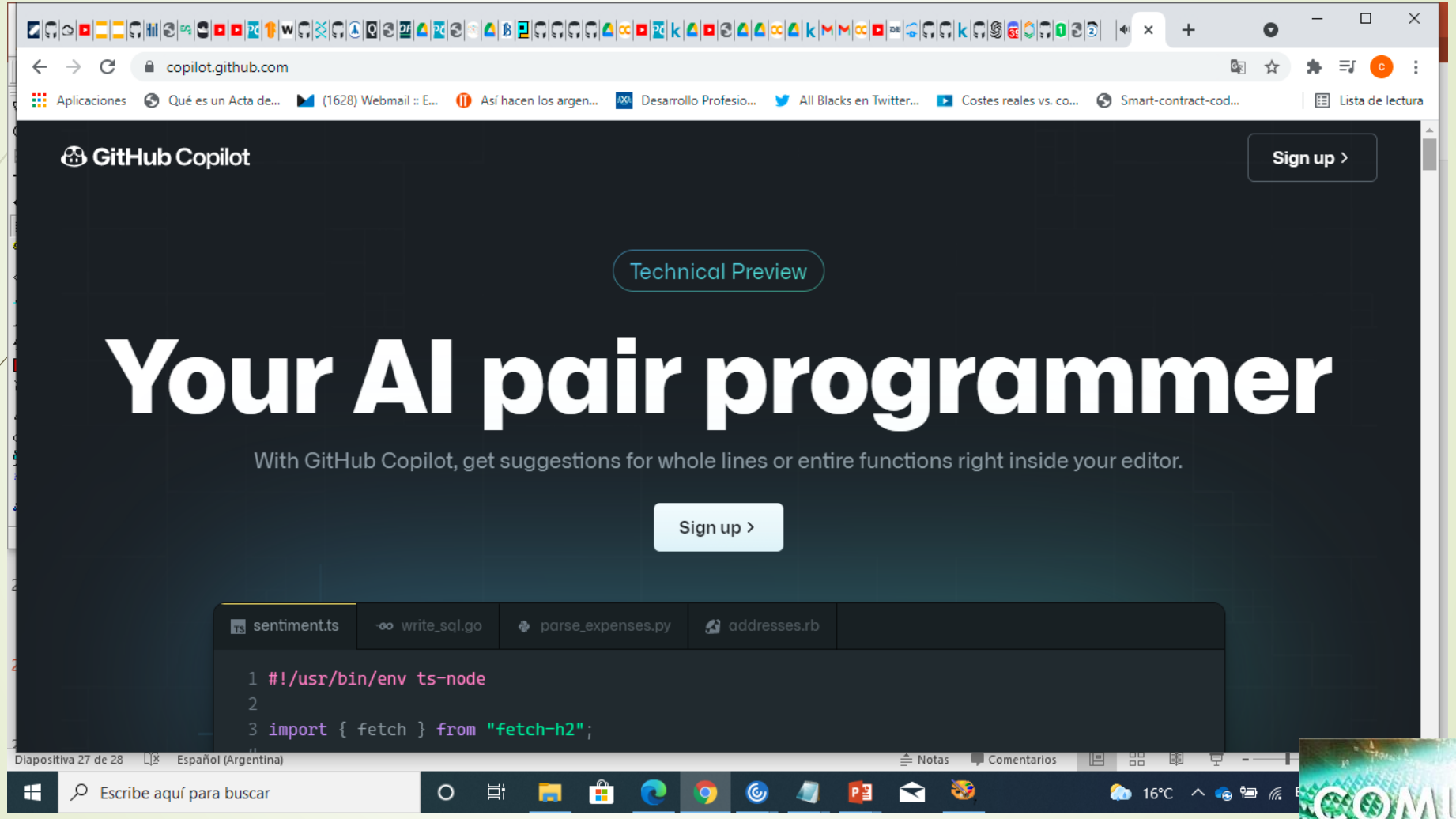
También llamadas **redes generativas** antagónicas (RGAs), las **redes generativas adversarias** son un sistema de aprendizaje no supervisado en que dos inteligencias artificiales compiten entre sí para lograr un objetivo.





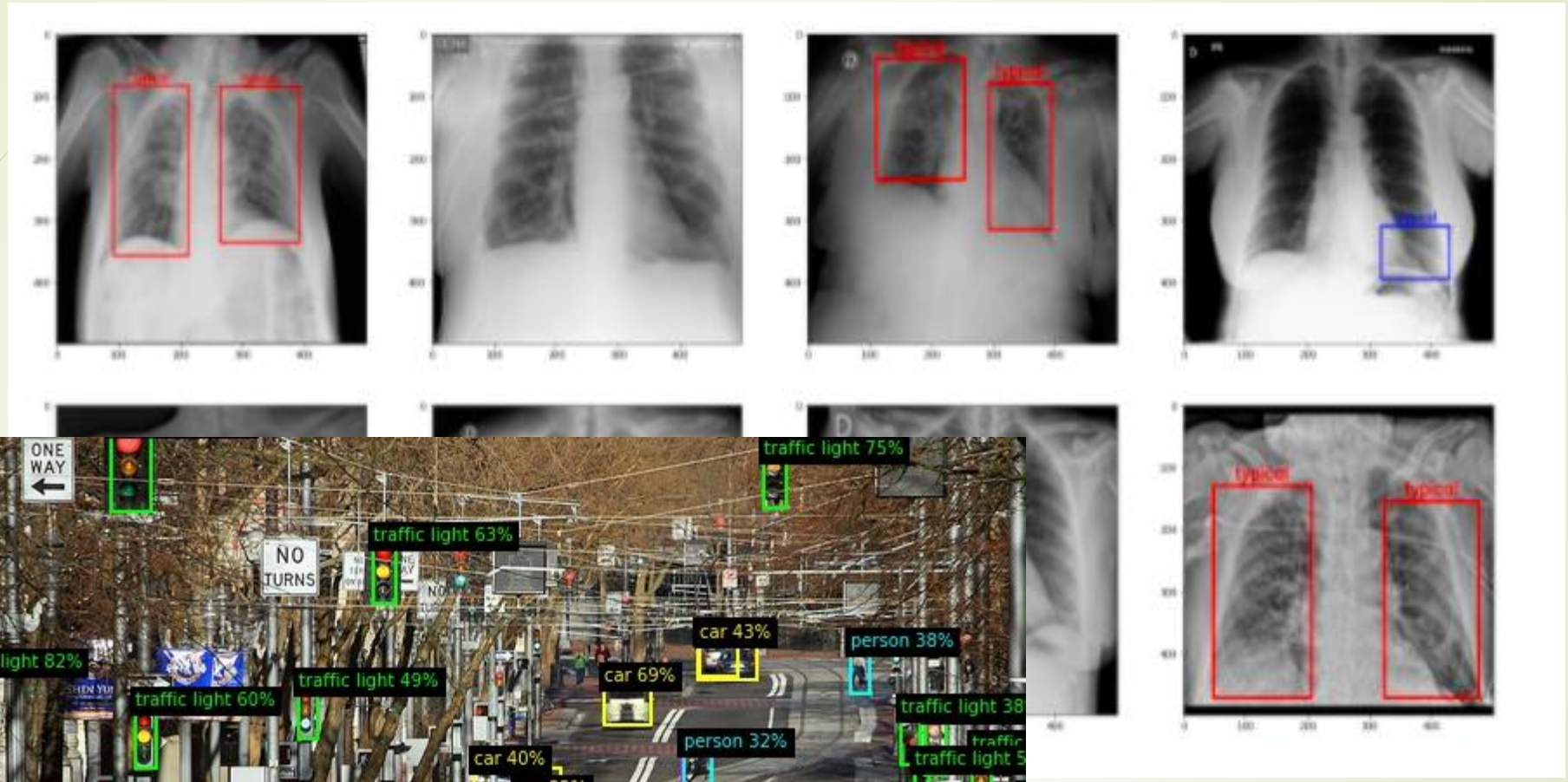
¿Es esta IA el FIN de los DISEÑADORES GRÁFICOS? ¿Puede la IA ser CREATIVA? - (DALL-E)

¿Es GITHUB Copilot el FIN de los PROGRAMADORES?



COMPETENCIA INTERNACIONAL KAGGLE

CENTRO GRADUADOS DE INGENIERIA (YOLOV5)



COMUNIDAD DARQ
Claudio R. Parrinello

TRANSFER LEARNING

https://github.com/titu1994/Neural-Style-Transfer

NATURAL LANGUAGE PROCESSING

Usos del PLN

•**Resumen de textos**, consiste en encontrar la idea principal del texto e ignorar lo que no sea relevante.

•**ChatBots**, deberán ser capaces de mantener una charla fluida con el usuario y responder a sus preguntas de manera automática.

•**Generación automática de keywords y generación de textos**

•**Reconocimiento de entidades**, encontrar personas, entidades comerciales o gubernamentales, países, ciudades, marcas…etc.

•**Análisis de sentimientos**, deberá comprender si un tweet, una review o comentario es positivo o negativo y en qué magnitud (neutro). Muy utilizado en redes sociales, en política, opiniones de productos y en motores de recomendación.

•**Machine Translation**, **Ofrece la posibilidad traducir el texto o el audio** de un idioma a otro rápidamente y cada vez con más exactitud.

•**Clasificación automática de textos**, en categorías pre-existentes, detectar temas recurrentes y crear las categorías.

https://www.baoss.es/procesamiento-del-lenguaje-natural-pln-con-python/

Gainfy

Healthcare is one of those fields in which AI and blockchain were meant to pair up. Gainfy embarked on a mission to take the healthcare industry to the next level by taking a traditional Blockchain solution for managing patient data and infusing it with AI analysis to provide decision makers with real-time insights.
As of today, the New York-based company leverages not just blockchain and AI but also ML and IoT tech to enhance the experience of more than 99 million users.
The platform implements these technologies in different ways, such as an identity verification system, digital urgent care, data encryption tool, a database for clinical trials, and a crypto payment system.
In a nutshell, Gainfy empowers patients, providers, and payers by attempting to disrupt an old-fashioned industry with new technology, giving all stakeholders a better Healthcare experience in the process.

SingularityNET

The brilliant brains behind SingularityNET are also the ones who created Sophia, a social humanoid robot, and the first robot ever to receive citizenship of any country (she became a citizen of Saudi Arabia in 2017).
The team harnessed the power of AI blockchain to create the world's only decentralized AI platform, a platform that can be used by anyone. The purpose behind creating a decentralized AI marketplace is to encourage the funding and development of AI projects.
SingularityNET focuses on three crucial areas of AI services: Cloud Robotics, Cybersecurity, and Biomedical Research. They provide a secure platform where companies and developers can create AI projects and sell their algorithms, services, tools, and data, and exchange them for the platform AGI token.
In short, SingularityNET is facilitating researchers who develop AI tools and connecting them with businesses that require such customized AI solutions.

Blackbird.AI

In this age of mass information, it has become imperative to fight fake news. As the danger of misinformation is seeping into society, Blackbird.AI was built to check the credibility of news and filter out misinformation & disinformation.
The San Francisco-based company leverages AI to organize and filter content by incorporating credibility indicators to find out news that contains hate speech or misinformation and respond to any new threat before it causes harm to governments, organizations, or individuals.
The use of blockchain enables the platform to store verified content created by crowd-sourced reports and AI in a digital, unchangeable ledger.
As of today, Blackbird.AI is already using its platform to fight fake news on the COVID-19 pandemic.

Neureal

Neureal is a promising artificial intelligence solution provider that leverages predictive AI, blockchain, and cloud technologies to forecast the future and predict anything from Google searches to the stock market.
What makes this Salt Lake City-based company so impressive is how it offers power tools (currently available only to big organizations) to regular people.
According to their website, these tools boast impressive use cases like 'predicting a heart attack accurately enough to save a life' and 'predicting a hurricane accurately enough to move vulnerable people out of harm's way'.
As it requires a colossal amount of data to predict the future, Neureal promises accuracy by harnessing computation via blockchain technology to create predictors for regular users.
Moreover, the computer networks point out trends in successful predictions and log them into the blockchain ledger. There is a reward for accurate predictors and they are paid in Neurons (the company's own cryptocurrency).

VectorSpace

Vectorspace (VXV token) is the last project on our list, but certainly not the least.
Backed by a team of distinguished engineers, this San Francisco-based company has partnerships with household names such as Microsoft, Amazon, Standard & Poor's and even the CERN (home of the world's largest small-particle accelerator).
Vectorspace is born from the belief that while data might be the new oil, the dataset is the refined gasoline that powers every Machine Learning (ML) and AI operation.
By adding extra layers to such datasets, they create concepts they call 'Smart Baskets'. Smart baskets are groups of assets such as equities or cryptocurrencies that share known and hidden relationships with each other.
Vectorspace is one of our personal favourites due to their winning combination of a strong team, academically-backed technology and solid partnerships.

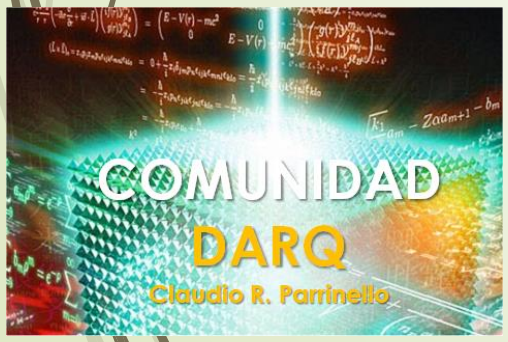
De AI a AC
Llegaremos a la conciencia artificial?
La **habitación china**

La **habitación china** es un experimento mental, propuesto originalmente por John Searle y popularizado por Roger Penrose, mediante el cual se trata de rebatir la validez del test de Turing y de la creencia de que el pensamiento es simplemente computación.[1]
Searle se enfrenta a la analogía entre mente y ordenador cuando se trata de abordar la cuestión de la conciencia. La mente implica no solo la manipulación de símbolos (gramática o sintaxis), sino que además posee una capacidad semántica para darse cuenta, o estar consciente, de los significados de los símbolos.

https://es.wikipedia.org/wiki/Habitaci%C3%B3n_china

DARQ: SABER UNA DE LAS TECNOLOGÍAS ES DOMINAR EL PRESENTE SABER LAS 4 ES DOMINAR EL FUTURO

DARQ



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