Machine Learning

# Historia

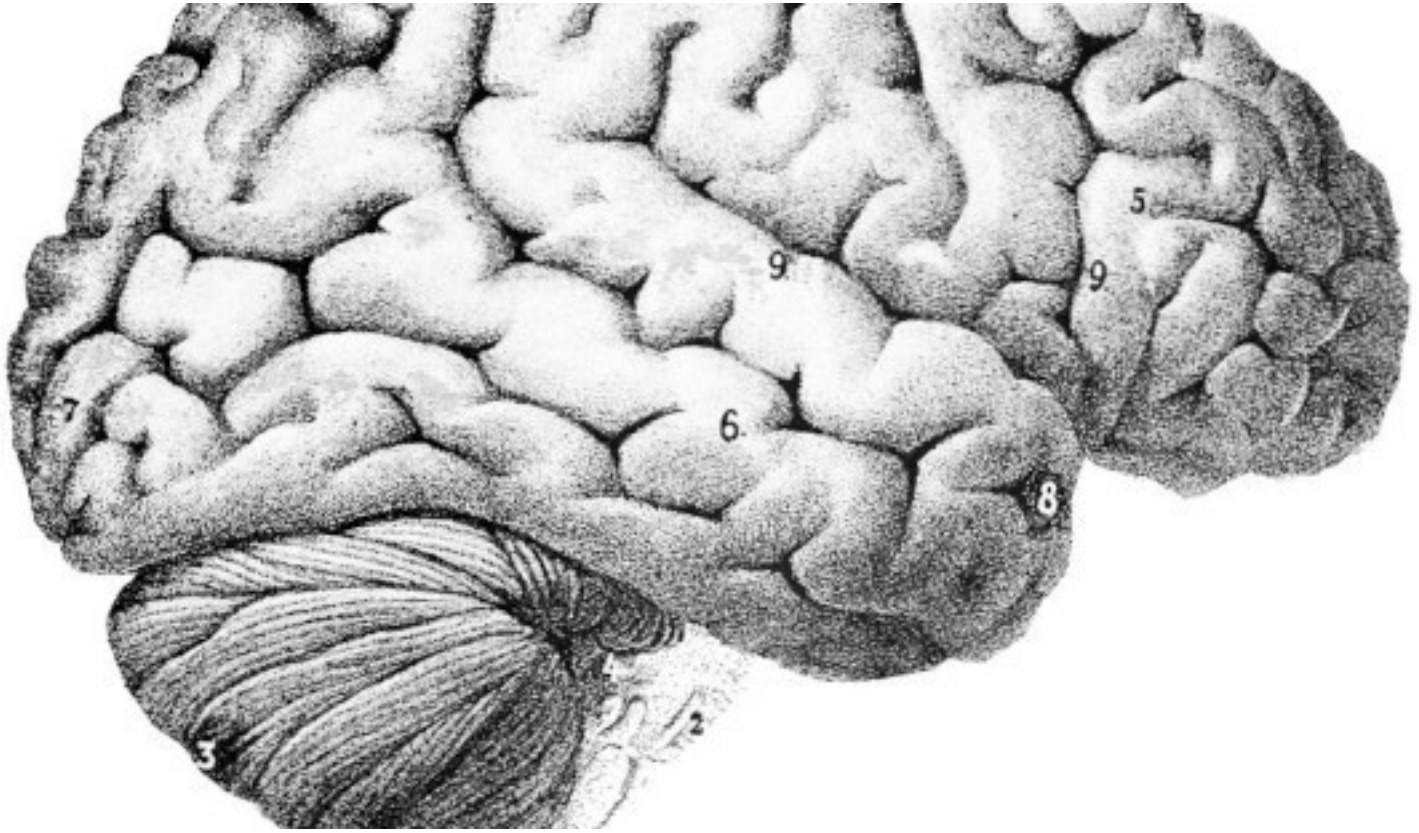
Rogelio Ferreira Escutia

Profesor / Investigador
Tecnológico Nacional de México
Campus Morelia

# Temario

# Cerebro Humano

- **Estudiar su funcionamiento:**



# Redes Neuronales Artificiales (1943)

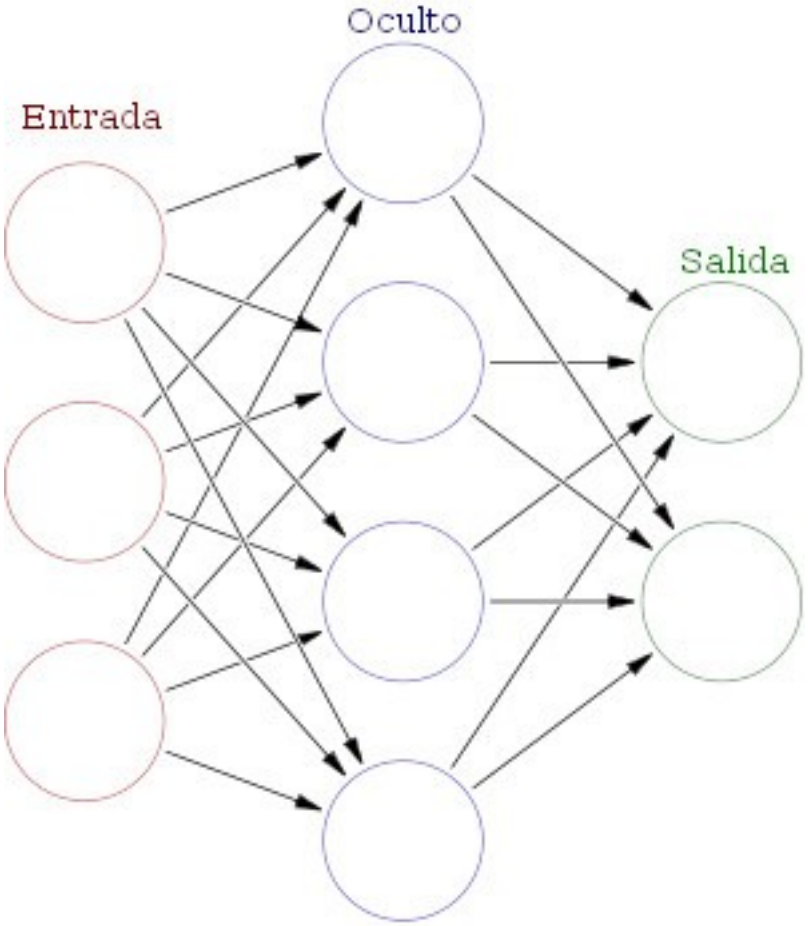
- **Creadores:**

Warren McCulloch

Walter Pitts

# Redes Neuronales

- **Simular el cerebro:**



# Machine Learning

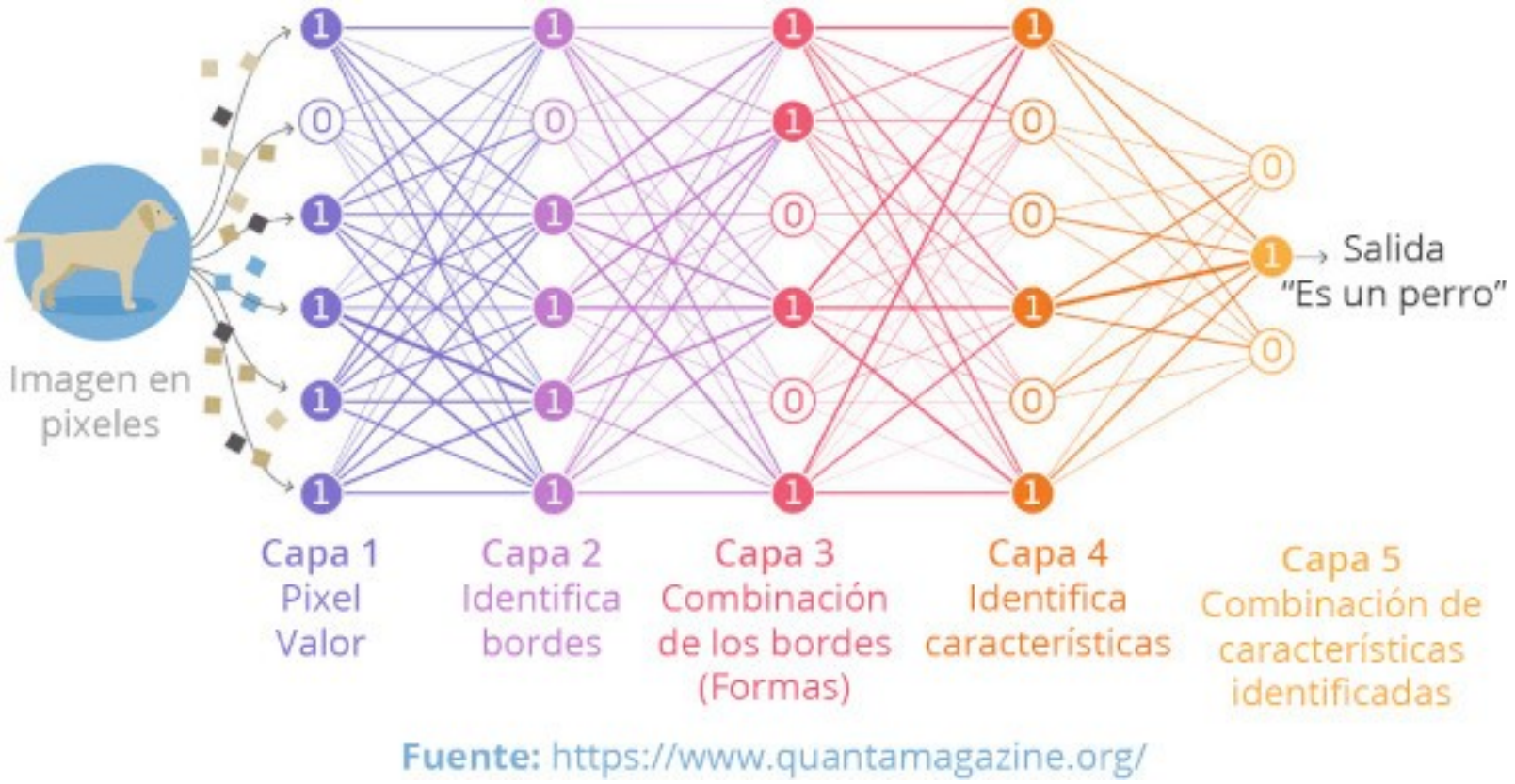
- **Clasificación:**
  - **Supervisado**
  - **No Supervisado**
  - **Por Refuerzo**

# Deep Learning (2000)

- **Creadores del Deep Learning:**

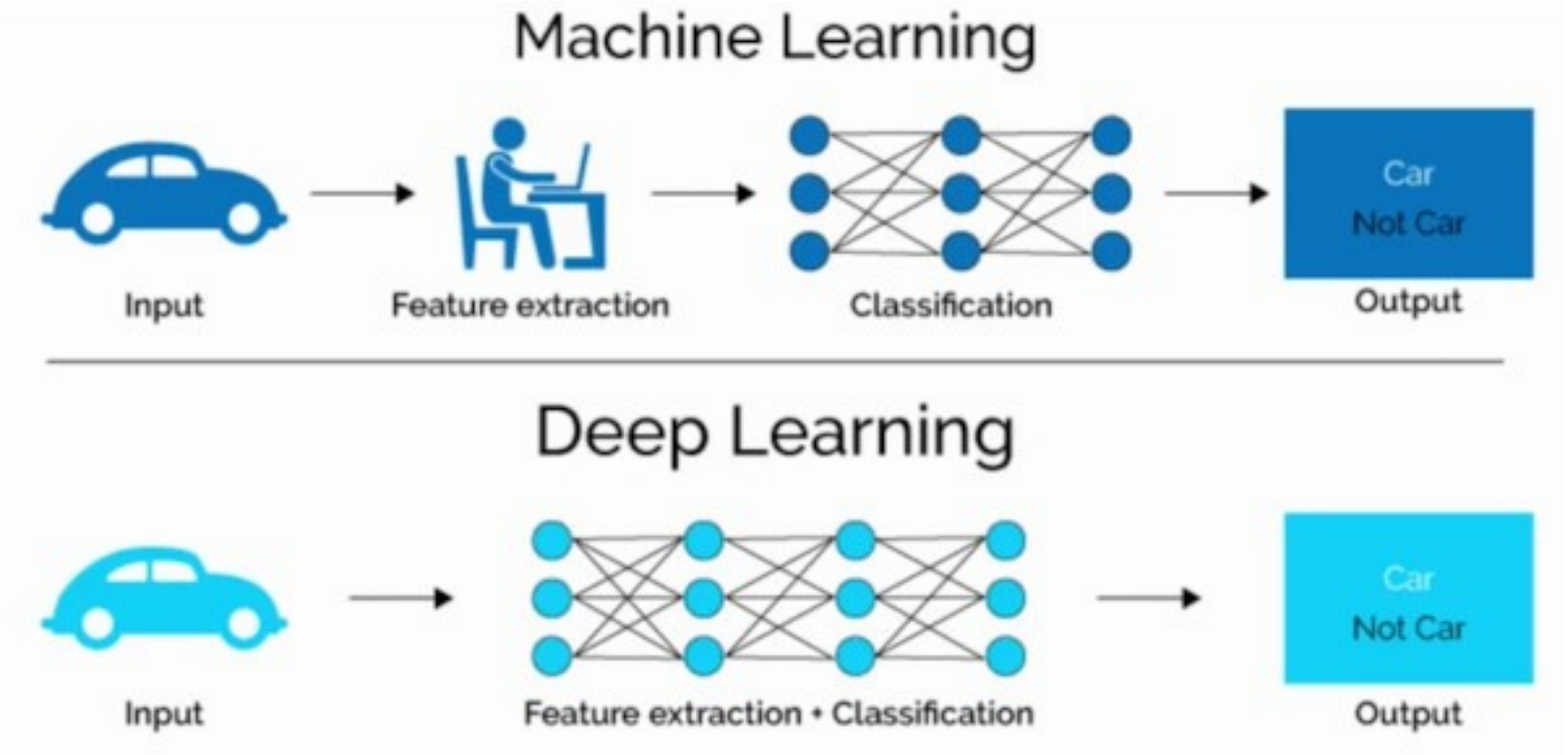
# Deep Learning

- **Ejemplo:**



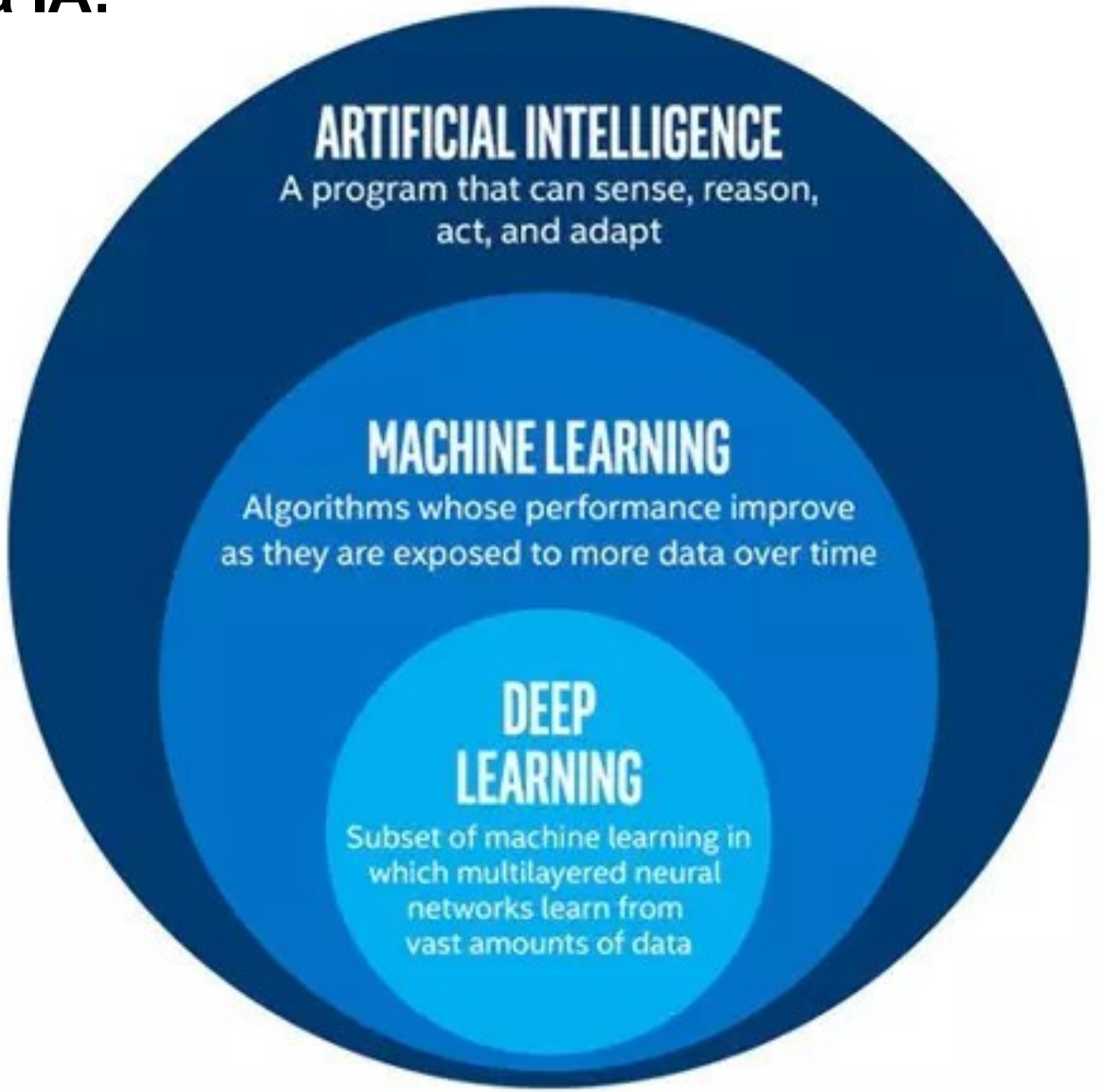
# Machine Learning vs Deep Learning

- **Diferencias:**



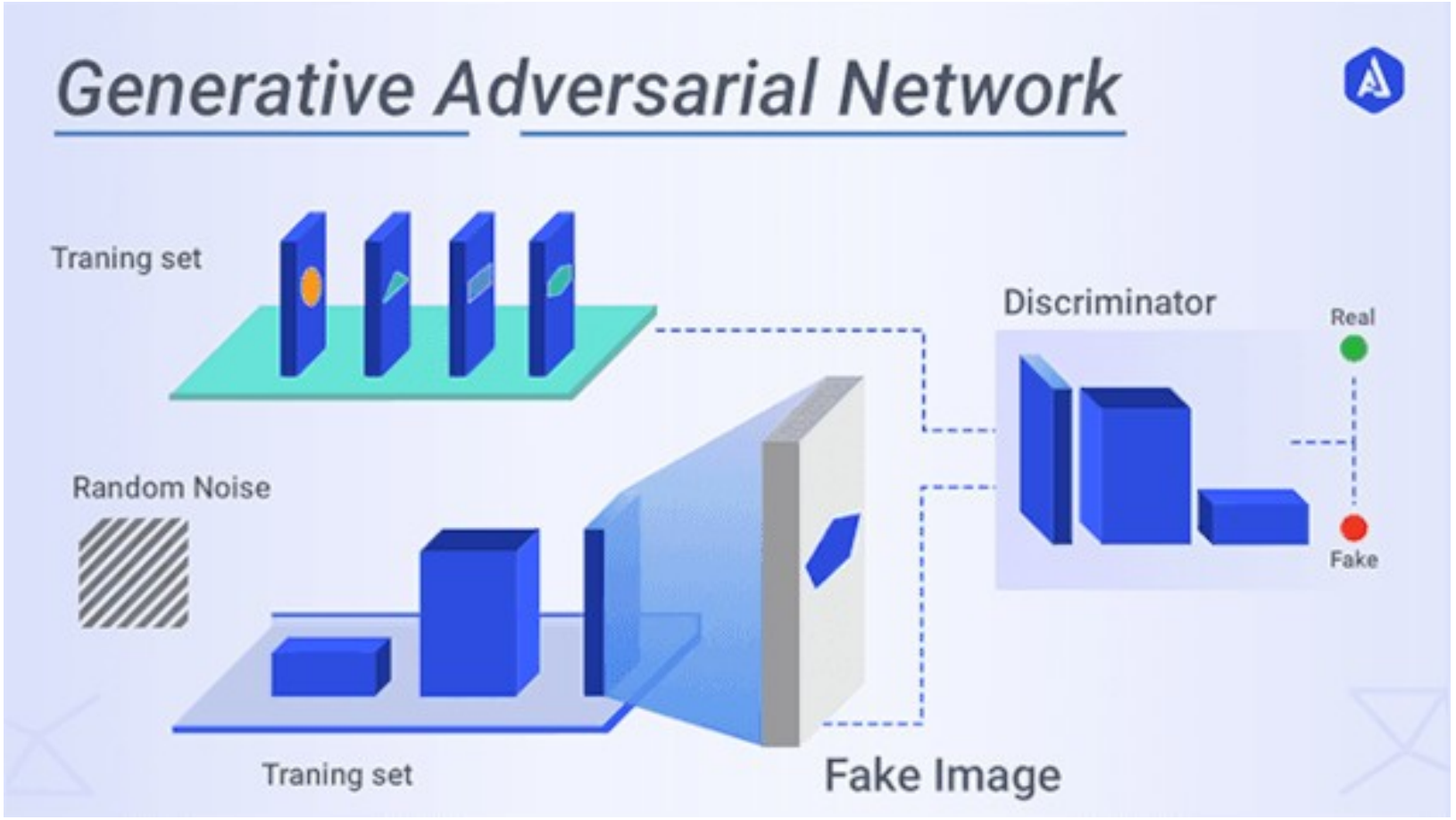
# Clasificación

- **Ramas de la IA:**



# GAN (2010)

- **Múltiples Redes Neuronales:**



Rogelio Ferreira Escutia

Profesor / Investigador
Tecnológico Nacional de México
Campus Morelia

rogelio.fe@morelia.tecnm.mx

rogeplus@gmail.com

xumarhu.net

@rogeplus

https://www.youtube.com/channel/UC0on88n3LwTKxJb8T09sGjg

rogelioferreiraescutia