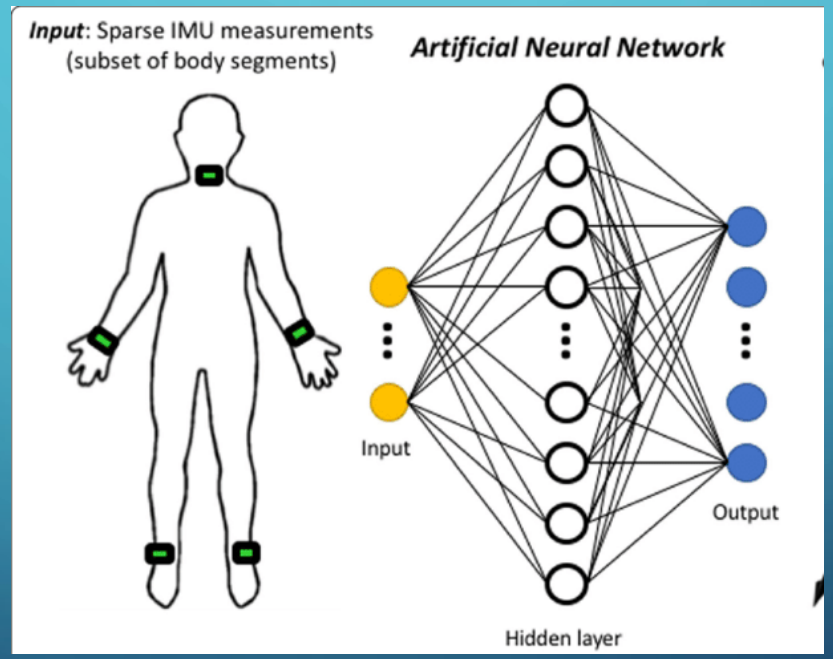
ARTIFICIAL INTELLIGENCE

WHATS IS ARTIFICIAL INTELLIGENCE

Artificial Intelligence is self-learning computational per of data



STRANDS OF ARTIFICIAL INTELLIGENCE

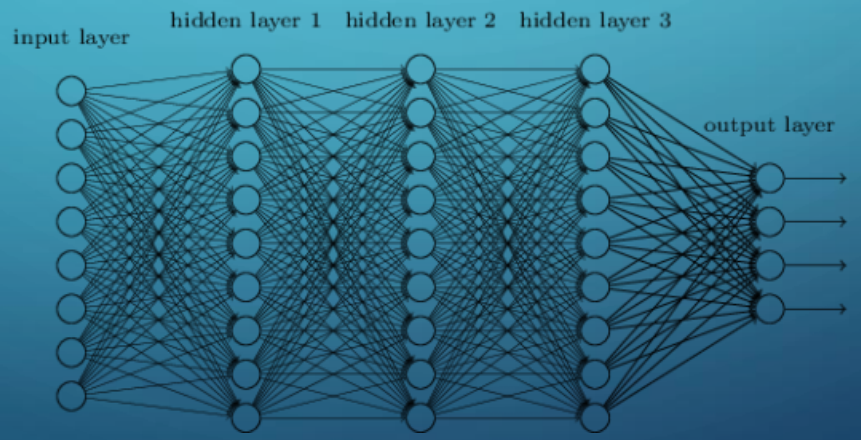
We have the following areas pertaining to artificial intelligence.

- Machine Learning
  - Demands less processing
  - Needs data to base learning
- Deep Learning
  - demands high processing
  - Self learning

COMPLEMENTATION FOR LEARNING

Use neural network to increase the layers of neurons to enhance learning in:

- Machine Learning
- Deep Learning

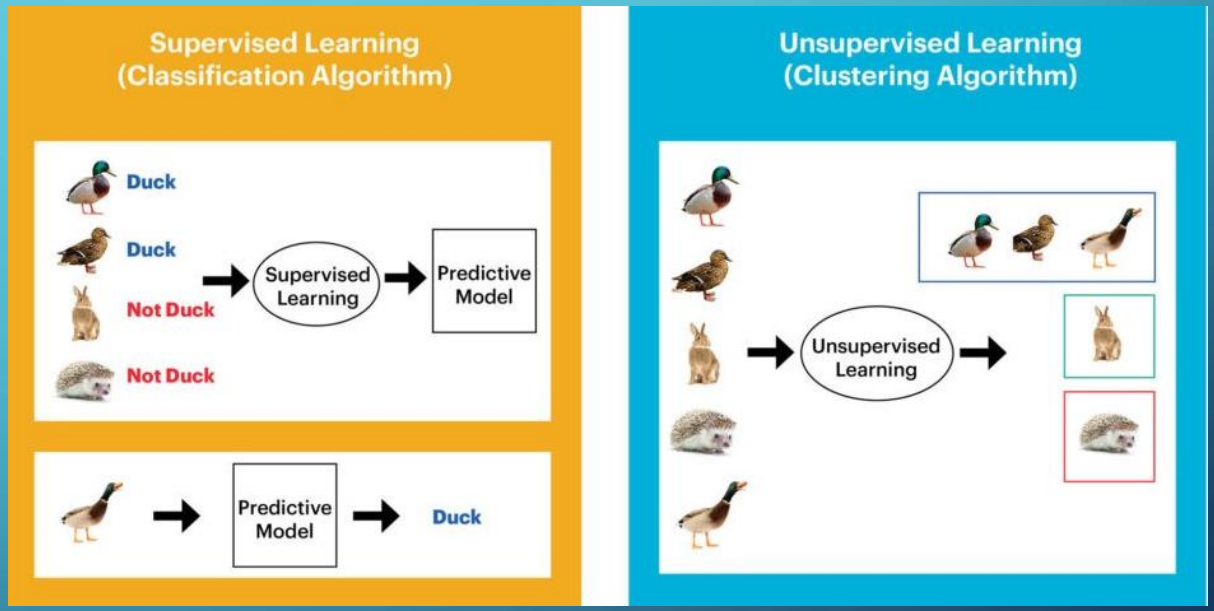


TRAINING OPTIONS

- Machine learning:
  - Supervisioned
  - Unsupervision
  - Reinforcement

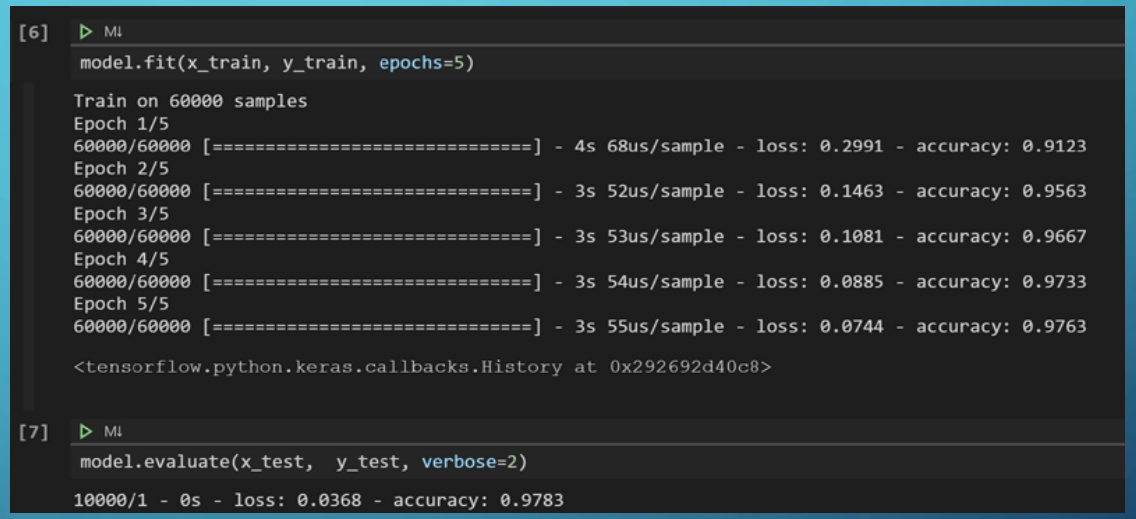
Deep Learning:

- just provides the data



LEARNING ADJUSTMENT

- Bias
- Activation function
- Epocs
- Population
- learning rate
- Image dimension



WHERE CAN IT BE APPLIED?

Can be applied in:

- Detection of objections
- Predictions

- Watch the vídeo:

  https://www.youtube.com/watch?v=r8KWciNmEGw&ab_channel=UniversoProgramado

QUESTIONS

- What is the difference between reinforcement learning and supervised learning?
- What are the forms of machine learning training?
- Tell a difference between machine learning and deep learning
- Does each season generate a new population?
- Does the neural network increase the neuron layer?