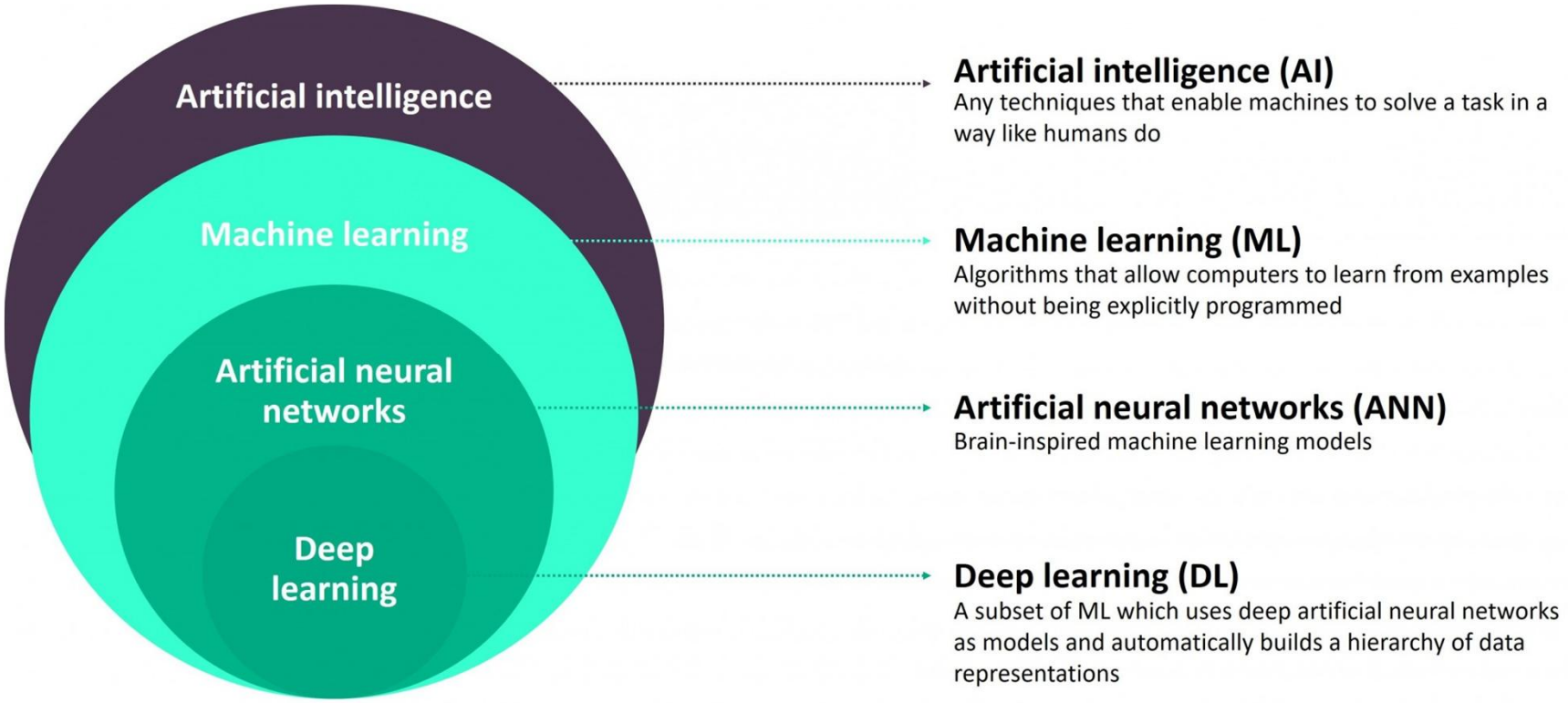
A POINT OF VIEW ABOUT A.I

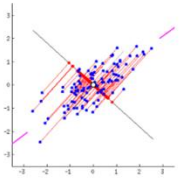
CONTENTS

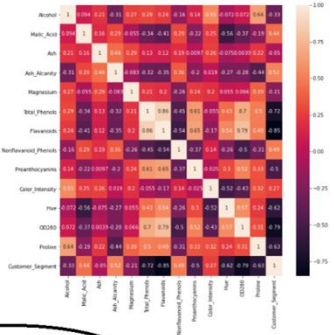
1.BIG PICTURE

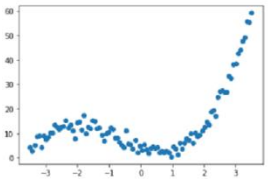


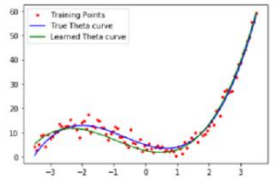
https://blog.forumias.com/understanding-artificial-neural-networks/

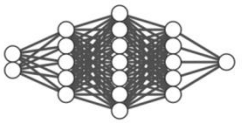
2.MACHINE LEARNING (ML) - OVERVIEW

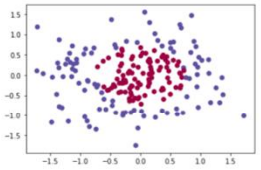


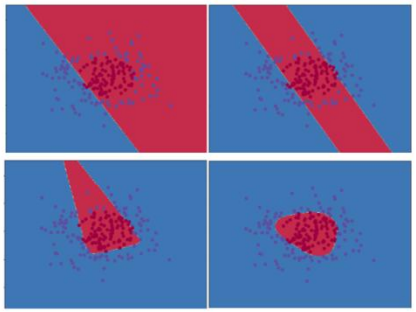












Regression

Dimensionality reduction

Unsupervised learning

Supervised learning

Binary

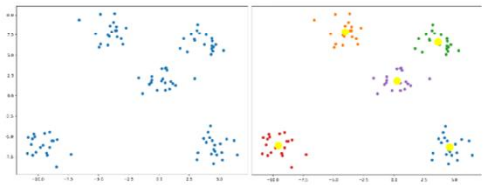
Classification

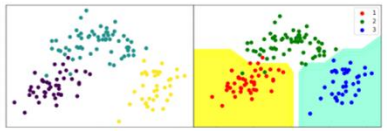
Clustering

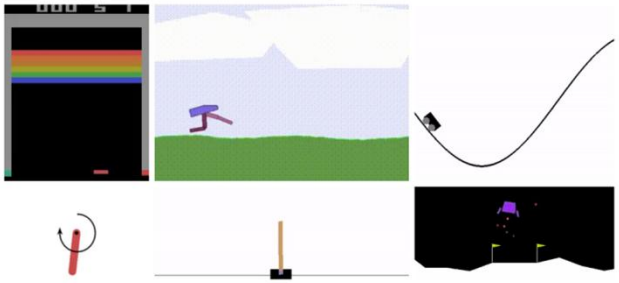
Machine learning

Multi-class

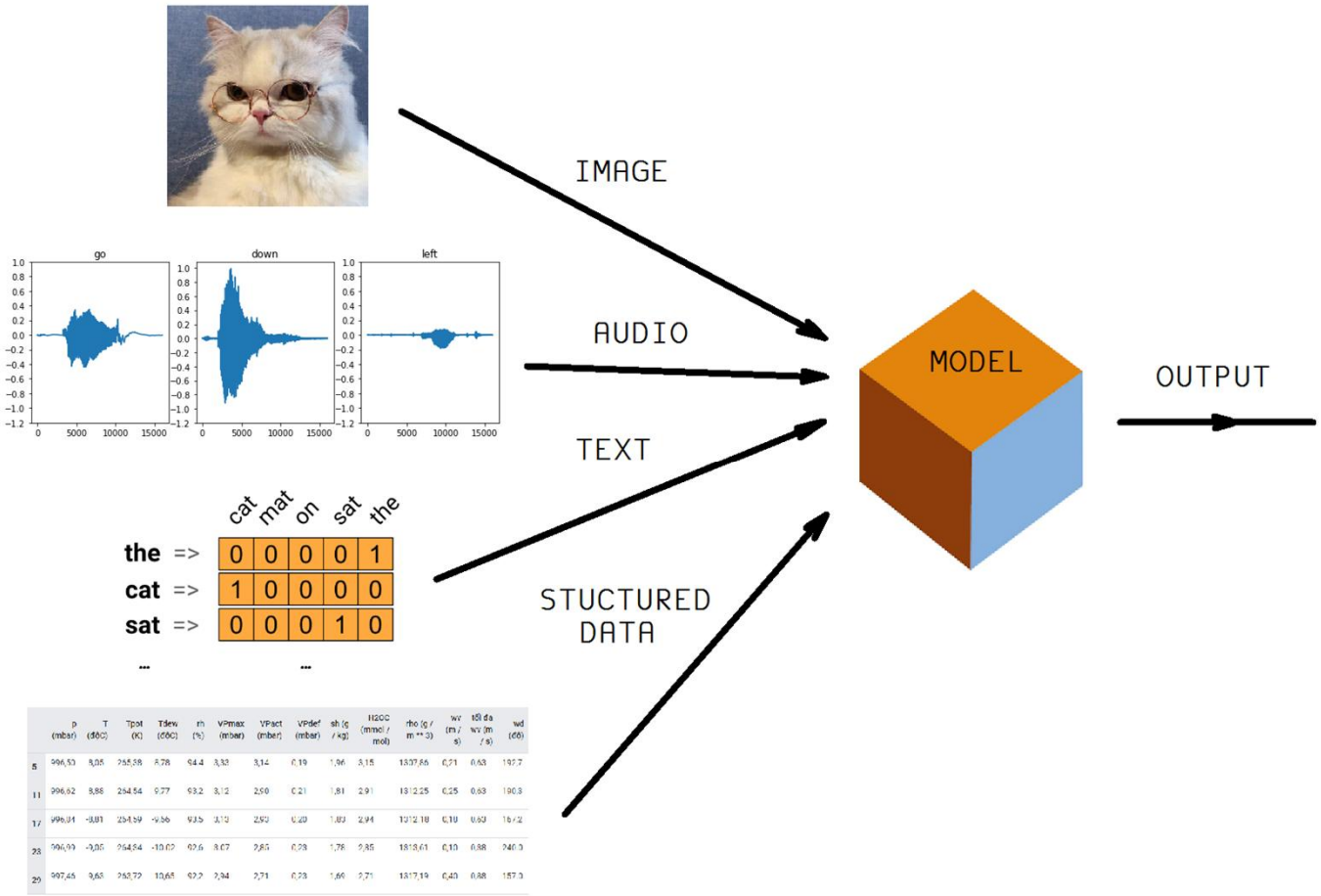
Reinforcement learning





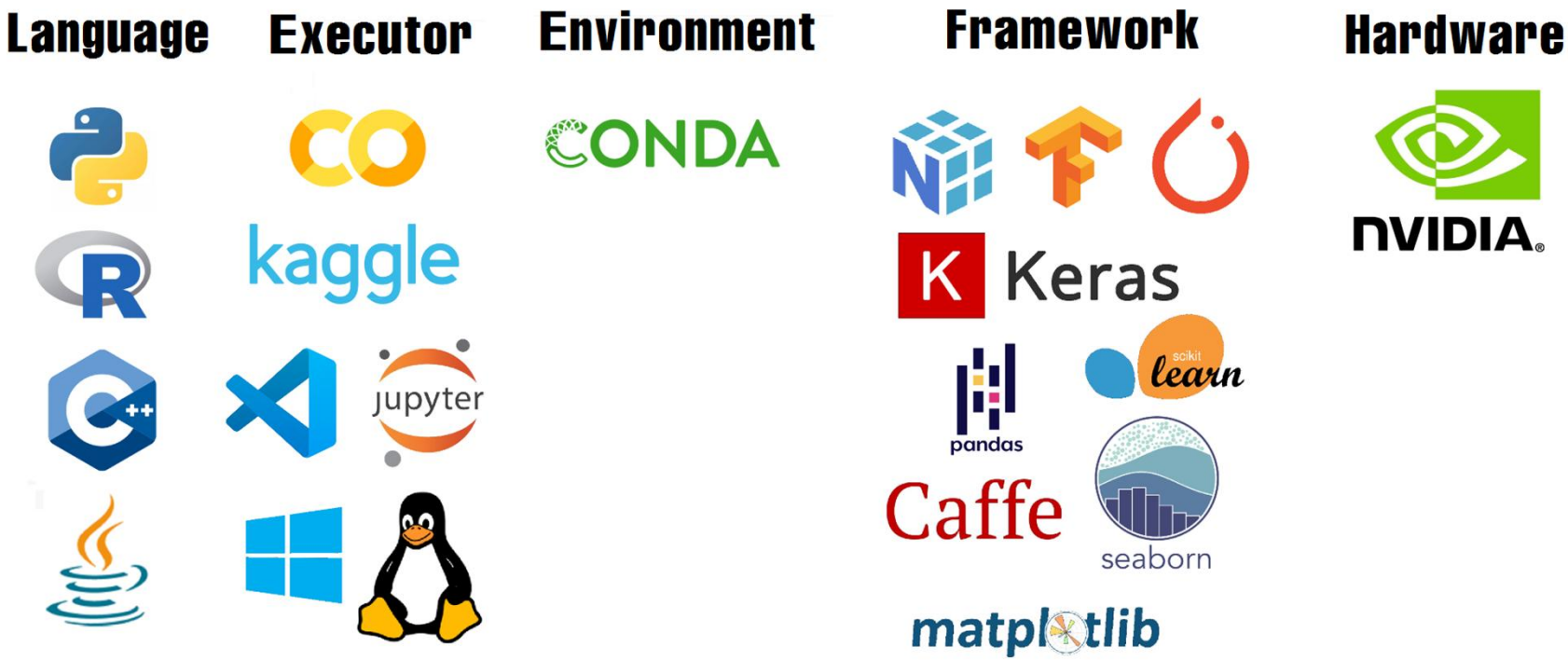


2.ML - KIND OF INFOMATION

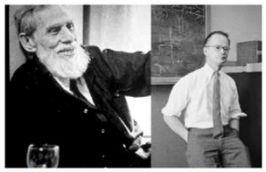


https://www.tensorflow.org/tutorials

2.ML - TOOLS & PLATFORMS

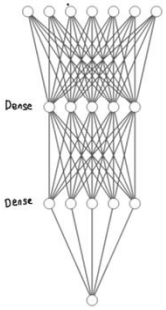


3.DEEP LEARNING



W.McCullough *W.Pitts*

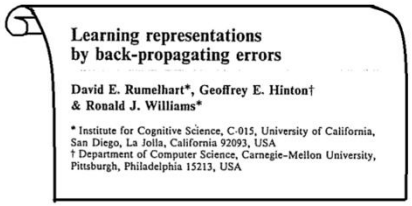
Neural Network - 1944



Hinton *Rumelhart*

Williams

Apply Backpropagation in NN -1986



Learning representations by back-propagating errors

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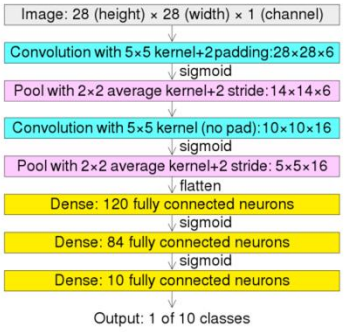
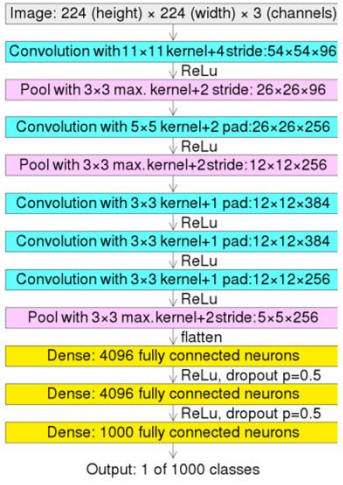
Yann LeCun

LeNet - 1989



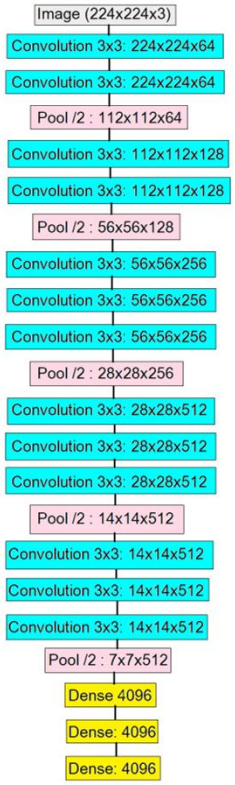
Alex Krizhevsky

AlexNet -2012

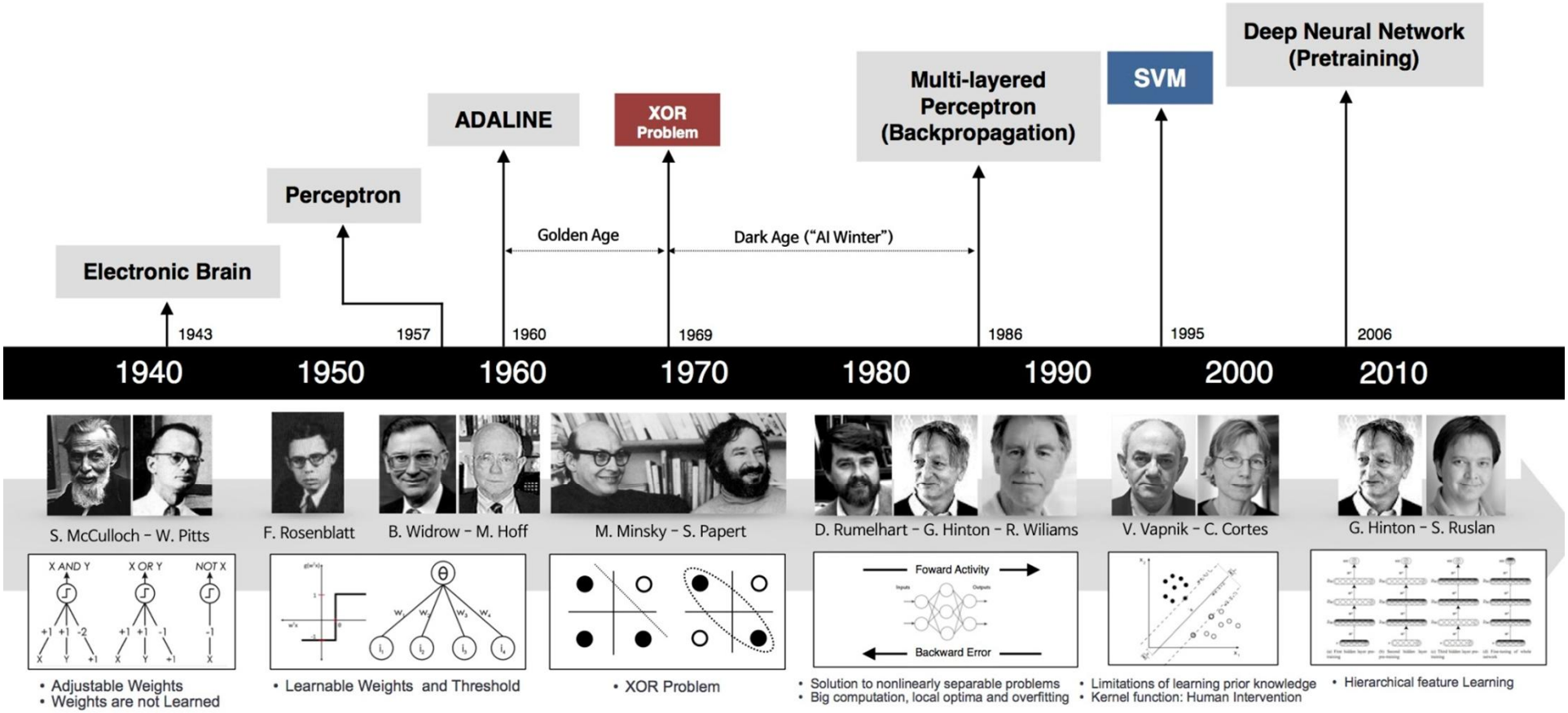


K. Simonyan *A.Zisserman*

VGG16 - 2014



4.TIMELINE



https://machinelearningcoban.com/assets/35_deeplearning/nn_timeline.jpg

5.ASIA & VIETNAM

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