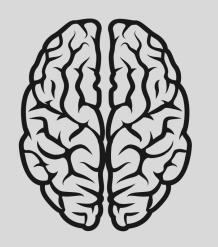
Inside Neural Network

Mathematical Insights

Kya hai Deep Learning?

Subfield of Machine Learning
Inspired by
Structure and Functioning



Artificial Neural Network



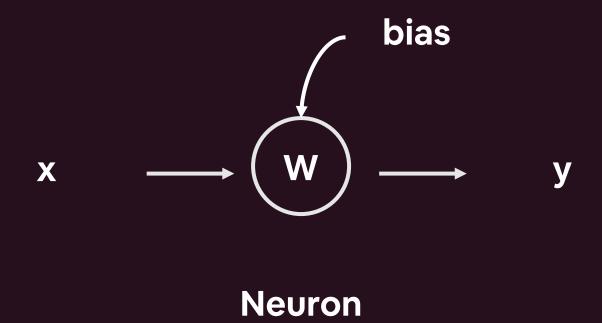


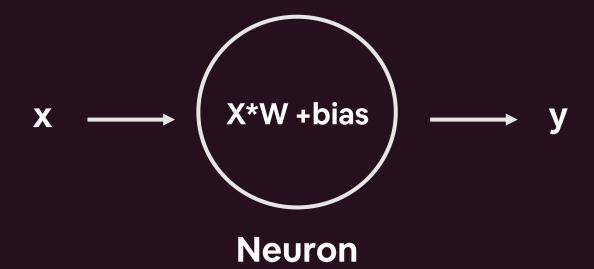
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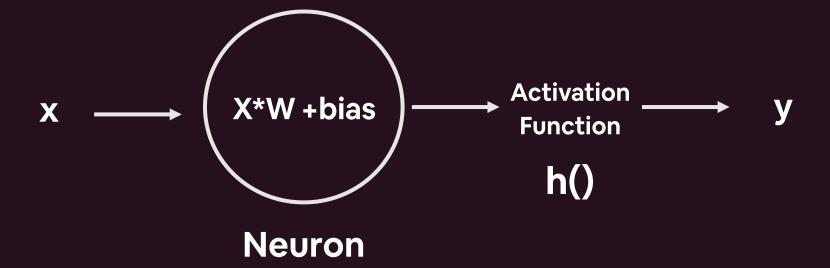


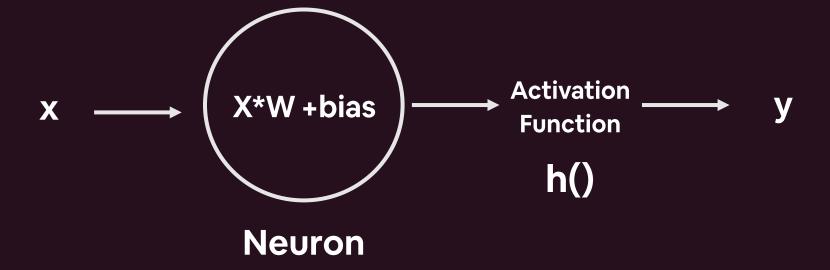


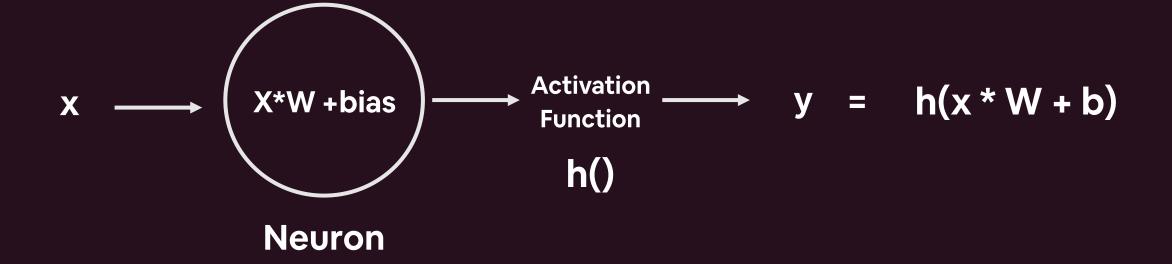














Layer

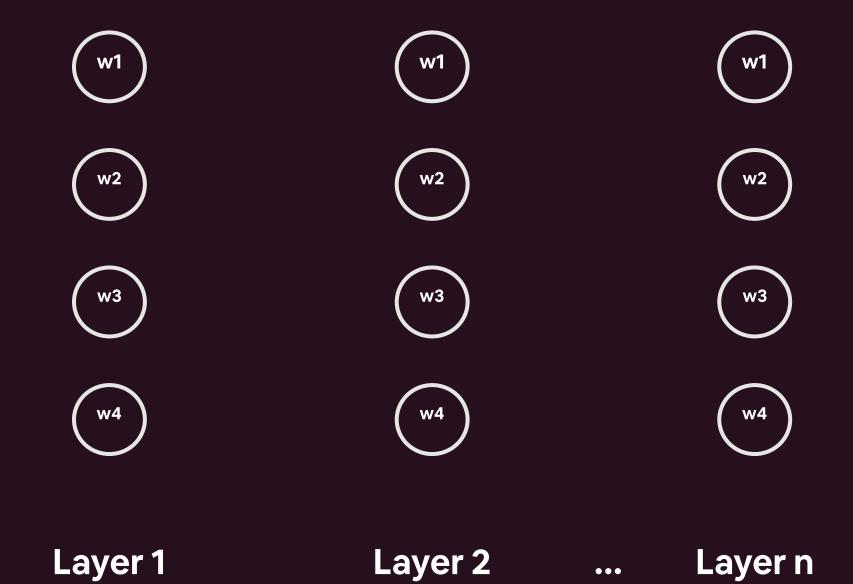


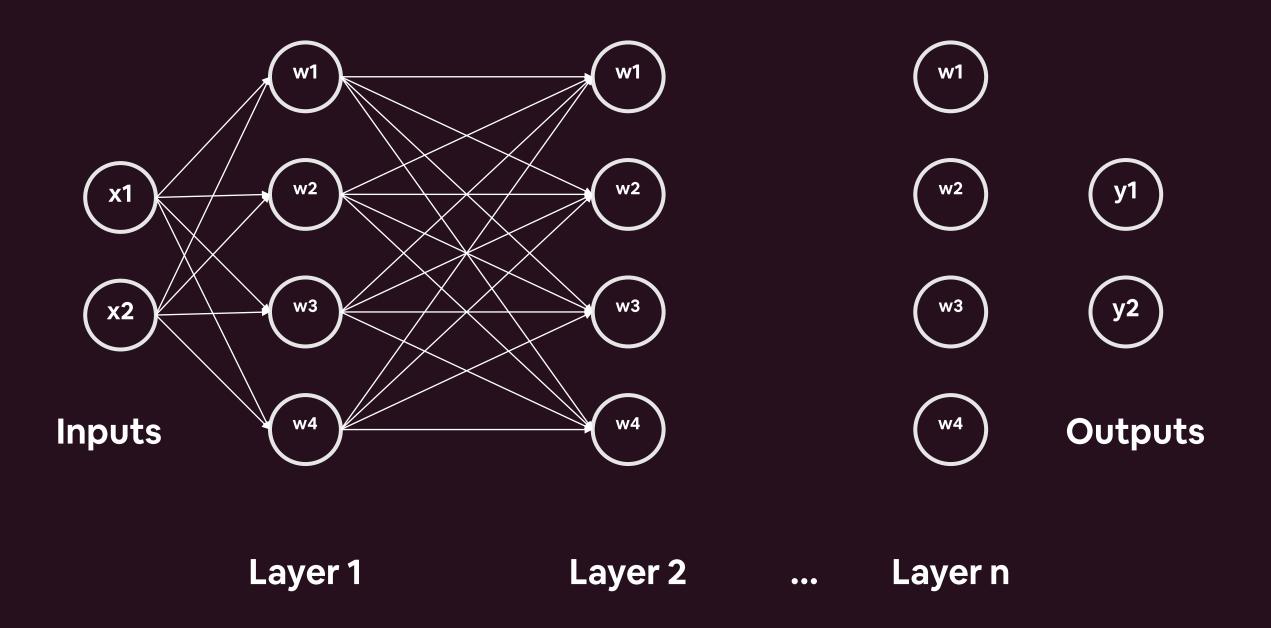






Layer





Activation Function

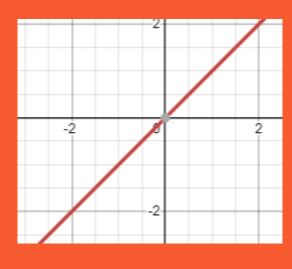
Activation Function

Linear

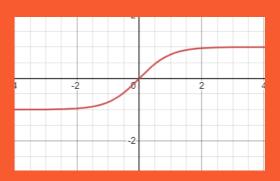
Non - Linear

Activation Function

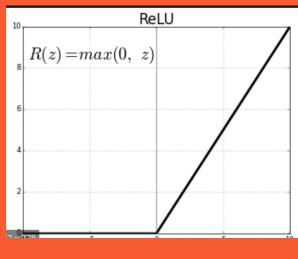
Linear



Non - Linear







ReLU(x)

Next Video:

Getting started with PyTorch

Behaviour of Deep Learning Model