



Below are additional resources to support your learning experience. They are labeled based on their difficulty levels:

* implies easy

** implies intermediate

*** implies advanced

Neural Networks – General

Neural Networks in 5 minutes *

[Neural Network In 5 Minutes](#) | [What Is A Neural Network?](#) | [How Neural Networks Work](#) | [Simplilearn](#)

A blog on using neural networks to create Apps, has useful introductory explanation of neural networks and how they resemble the neurons of the brain **

<https://www.kidsacademy.mobi/storytime/neural-networks-next-generation-tech-create-apps-kids/>

[A youtube introductory series on neural networks](#) **

Input

Output

A Series on Neural Networks by 3Blue1Brown for the curious and adventurous minds ***

Hidden

[But what is a neural network?](#) | [Chapter 1, Deep learning](#)



AMERICAN
UNIVERSITY
OF BEIRUT

ARTIFICIAL INTELLIGENCE,
DATA SCIENCE,
& COMPUTING HUB

Interactive tools and website to further explore neural networks

[A Neural Network Playground](#) ***

[Neural Network Simulator](#) ***

RealPython: A Python tutorial to building a neural network **

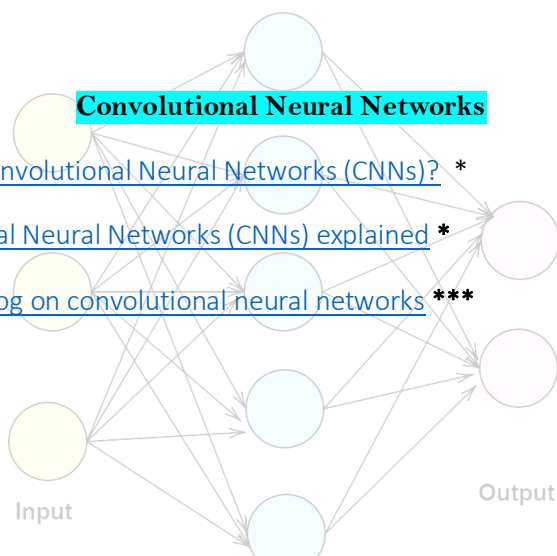
<https://realpython.com/python-ai-neural-network/>

Convolutional Neural Networks

[What are Convolutional Neural Networks \(CNNs\)?](#) *

[Convolutional Neural Networks \(CNNs\) explained](#) *

[Elaborate blog on convolutional neural networks](#) ***



ANN VS CNN:

<https://www.tutorialspoint.com/cnn-vs-ann-for-image-classification> **