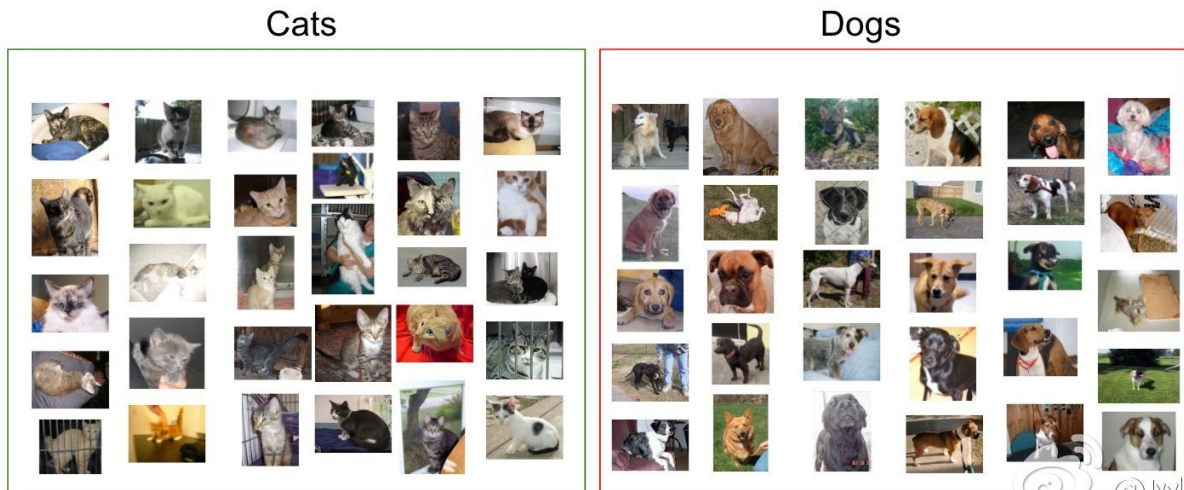


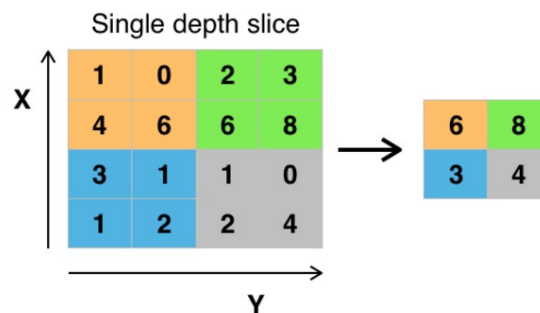
@保存到为知笔记 // @网路冷眼 // @fengyuncrawl : 这篇文章写得真好，把传统机器学习演进到深度学习讲的浅显易懂！

@网路冷眼

【A Practical Introduction to Deep Learning with Caffe and Python】 <http://t.cn/R5YxA7W> 应用Caffe和Python进行深度学习实用简明教程。

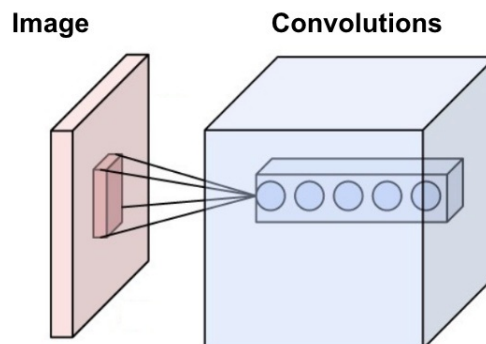


Sample of cats & dogs images from Kaggle Dataset [weibo.com/lewhwa](http://weibo.com/lewhwa)



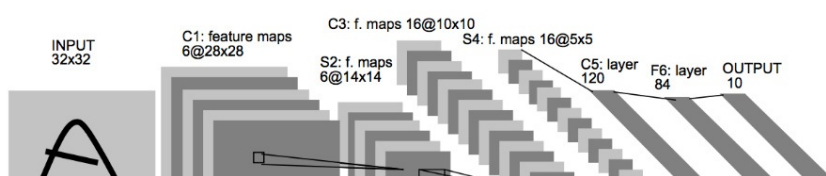
Max pooling with a 2x2 filter and stride = 2  
(source: Wikipedia)

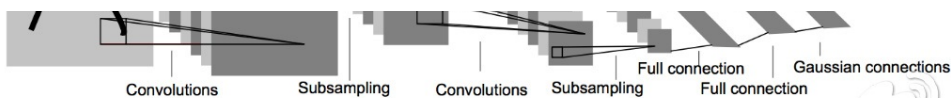
[weibo.com/lewhwa](http://weibo.com/lewhwa)



Neurons of a convolutional layer, connected to their receptive field  
(source: Wikipedia)

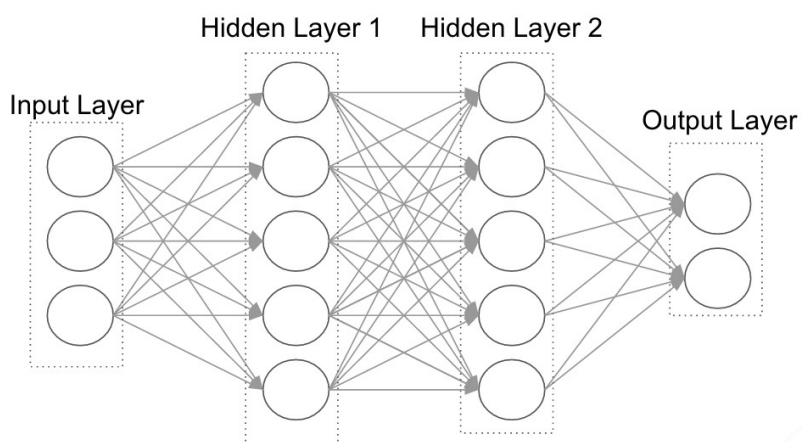
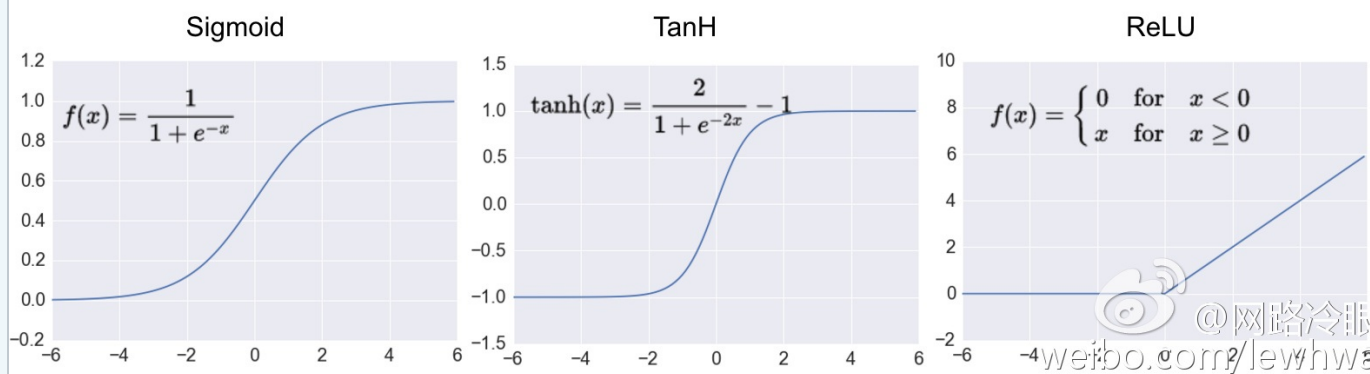
[weibo.com/lewhwa](http://weibo.com/lewhwa)





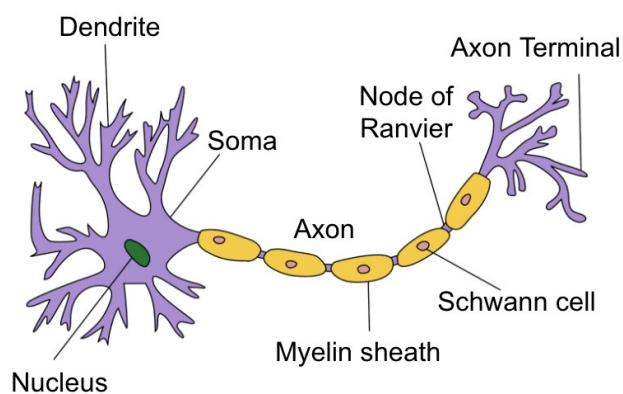
**CNN called LeNet by Yann LeCun (1998)**

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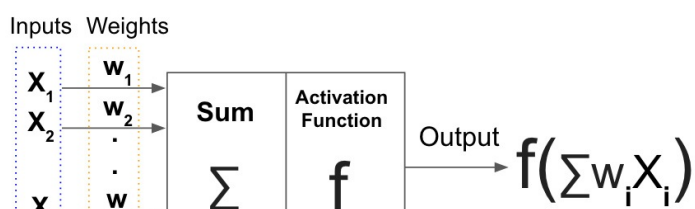


**Feedforward neural network with 2 hidden layers**

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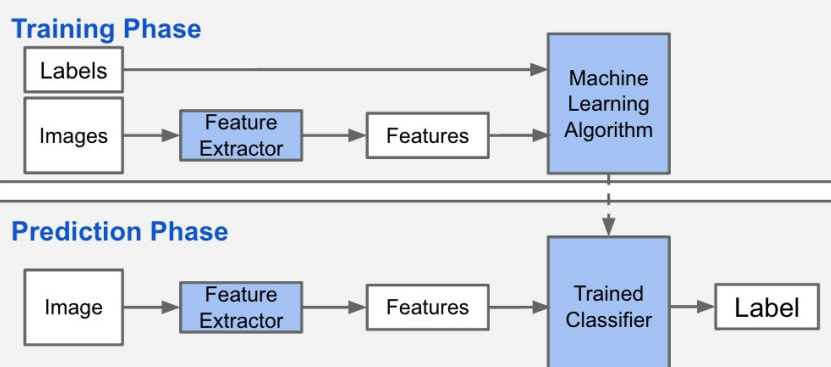


**Structure of a typical neuron**  
(source: Wikipedia)



**Structure of artificial neuron**

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