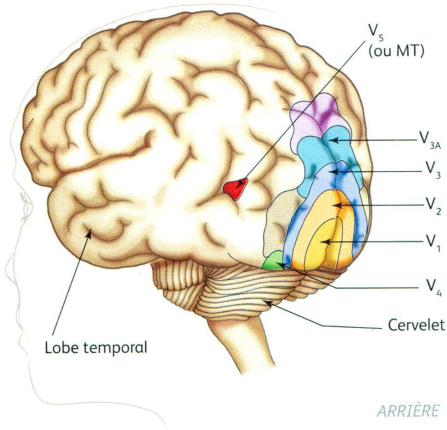


Machine Learning

Convolutional Neural Networks

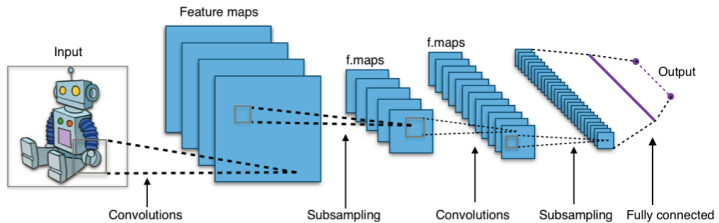
Architecture du cortex visuel



Connexion “en série” de couches

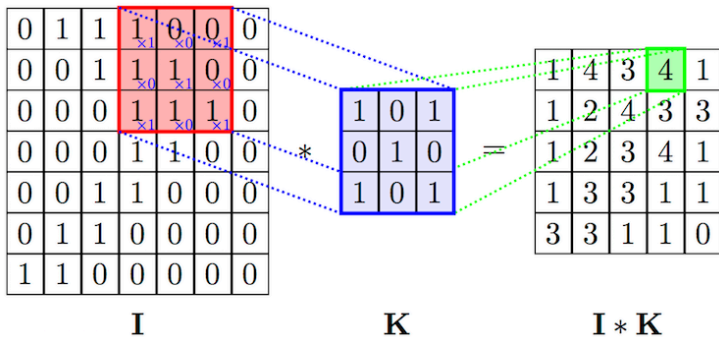
- V1 \approx orientations de lignes
- V2 \approx formes, tailles, couleurs
- V3 \approx aide à la motricité
- V4 \approx reconnaissance d'objets simples
- V5 \approx vitesse des objets
- ...

Convolutional Neural Networks



Convolutional Neural Networks

L'opérateur de **convolution**



Convolutional Neural Networks

L'opérateur de **pooling**

