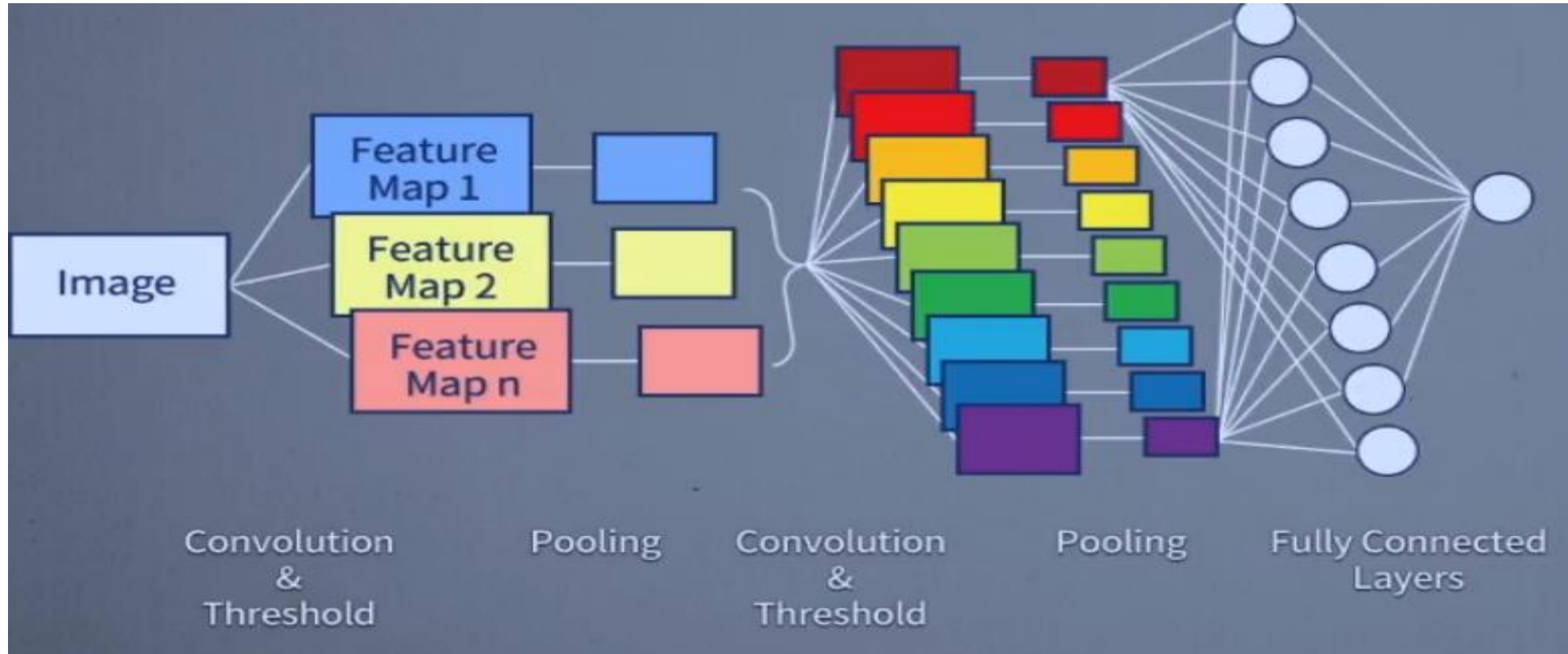


Convolutional Neural Network 3

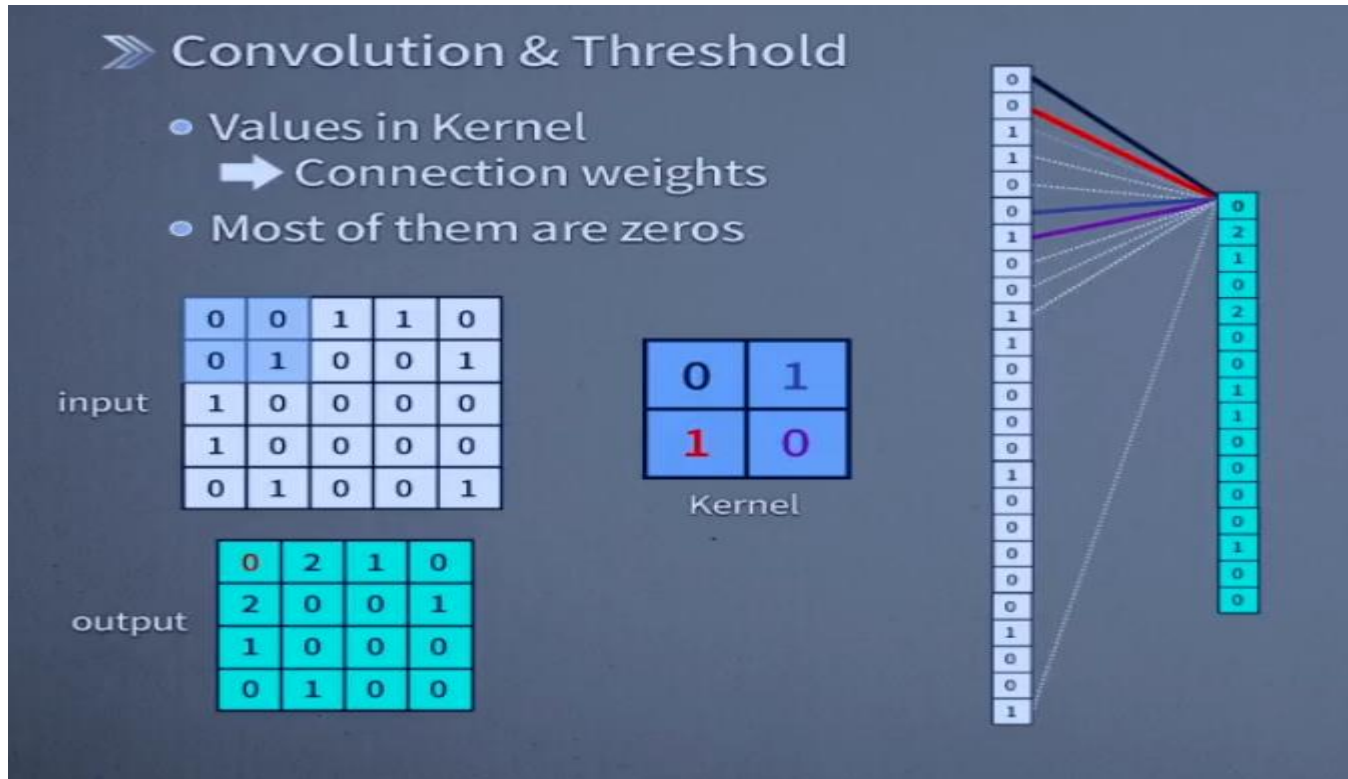
구조



Neural Network로 변환하여 학습시키자

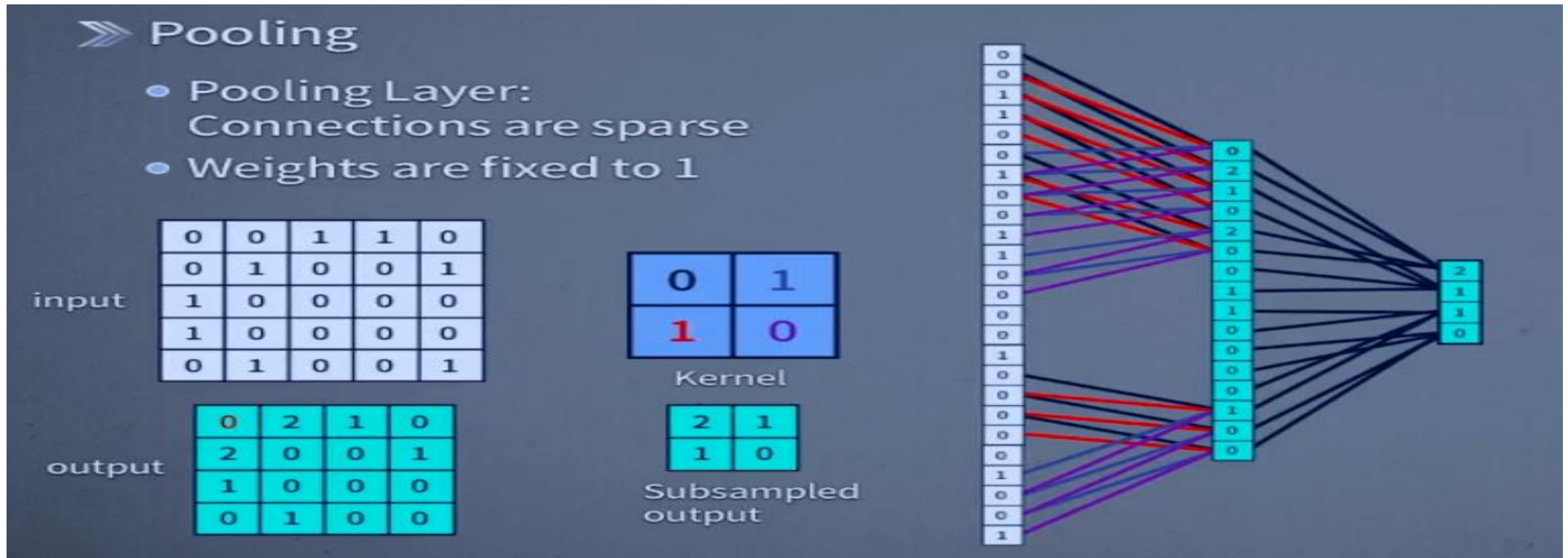
CNN

- Convolution mask를 스스로 학습하여 찾아준다.
- Threshold : 음수 0, 양수 남김(ReLU)

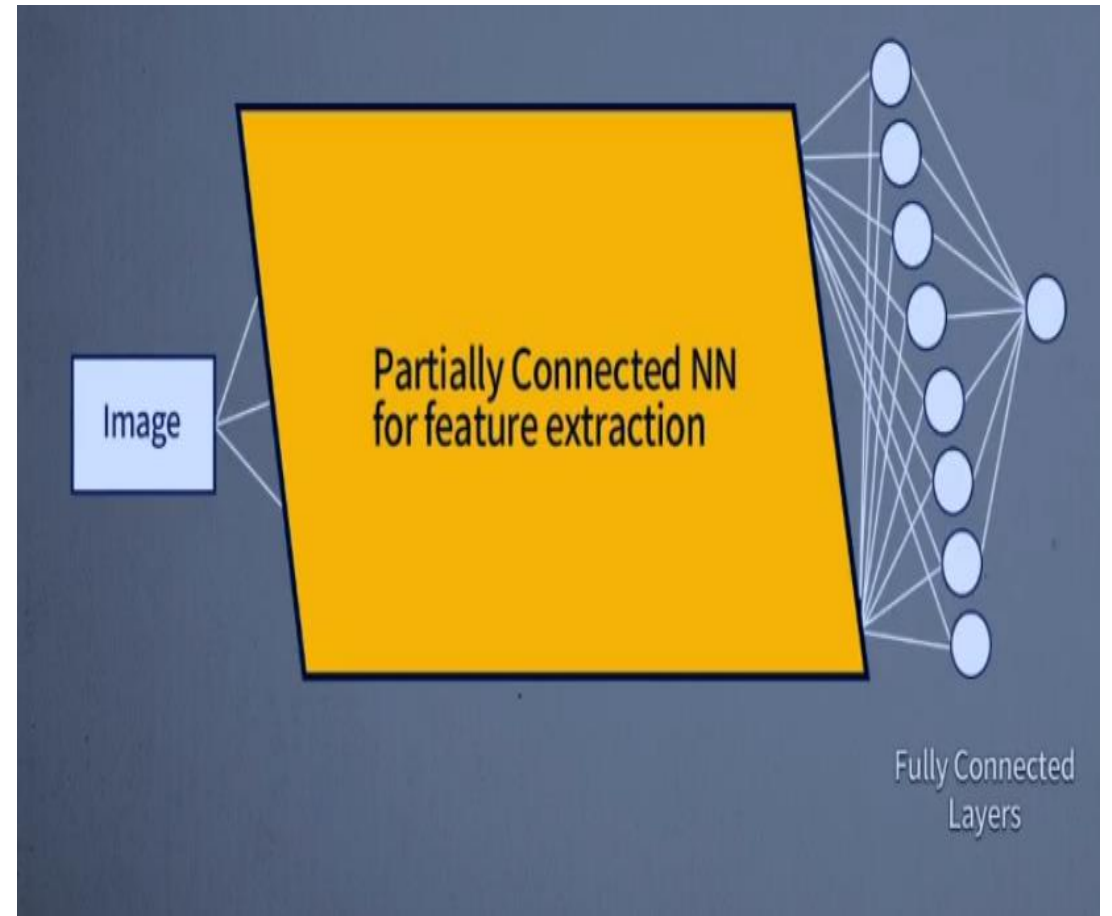
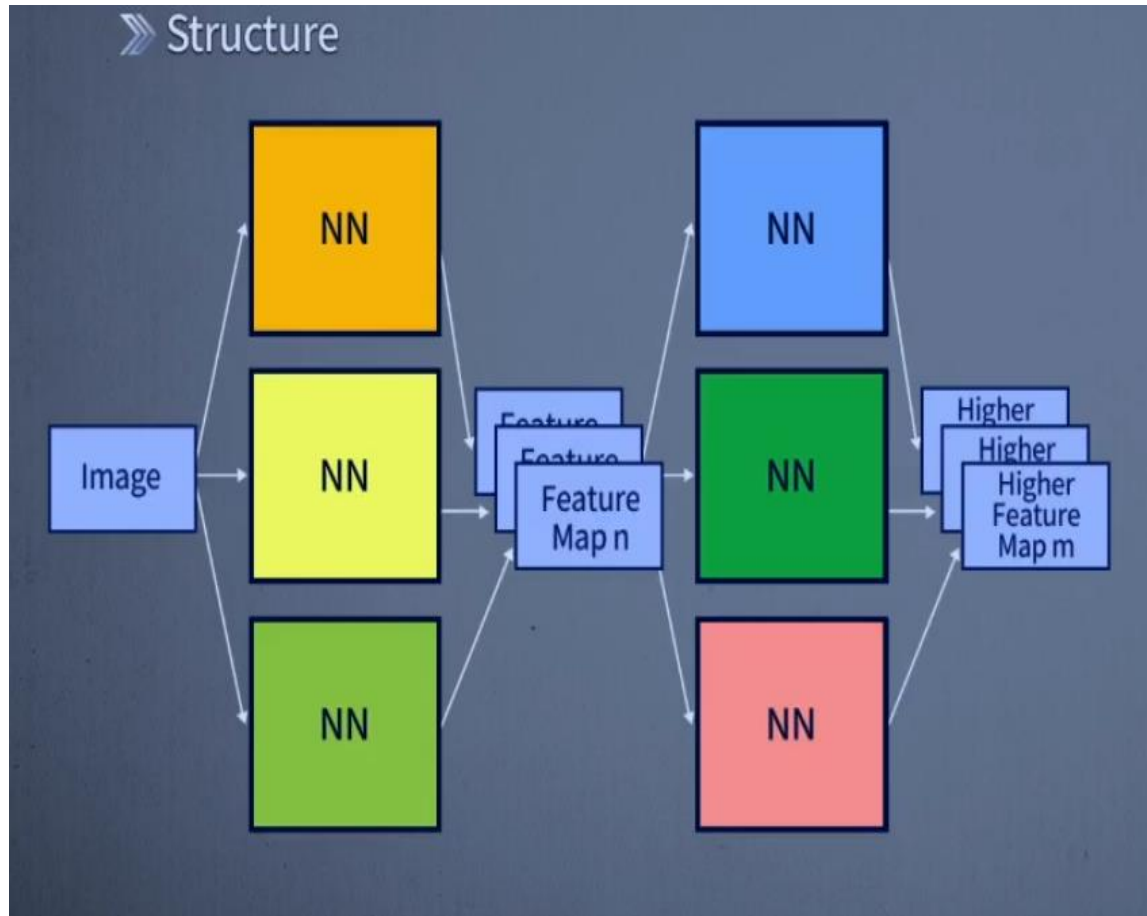


CNN

- Convolution, Threshold, Pooling | Neural Network로 변환

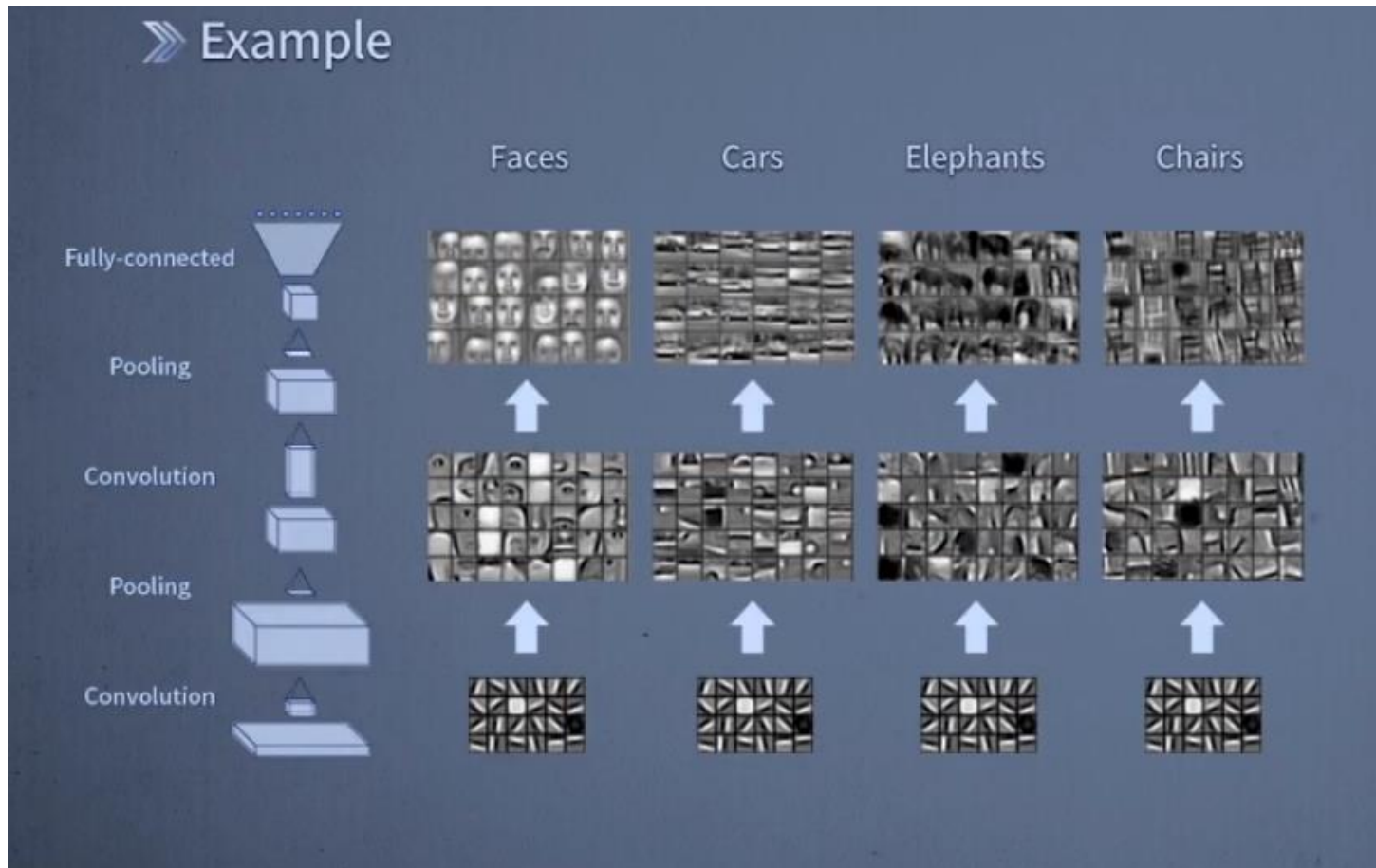


CNN



전체 구조가 학습이 가능한 Neural Network로 변환이 가능함

Example



(해석 결과)

High level feature

Low level feature