

# Step 1 - Convolution

0	0	0	0	0	0	0
0	1	0	0	0	1	0
0	0	0	0	0	0	0
0	0	0	1	0	0	0
0	1	0	0	0	1	0
0	0	1	1	1	0	0
0	0	0	0	0	0	0

Input  
Image



0	0	1
1	0	0
0	1	1

Feature  
Detector



0	1	0	0	0
0	1	1	1	0
1	0	1	2	1
1				

Feature Map