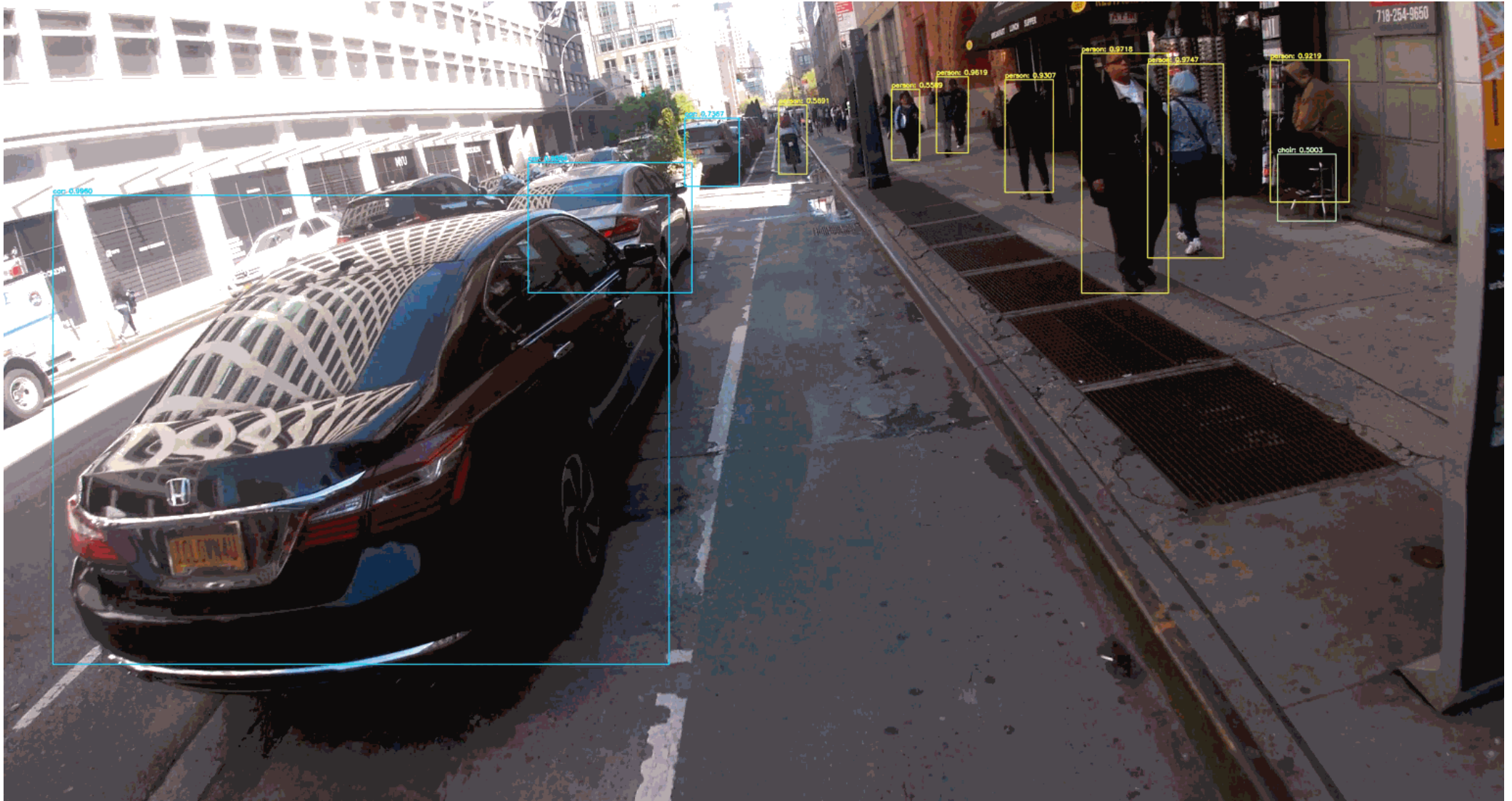


intro to image classification with convolutional neural networks

r-ladies nyc lightning talk

ursula kaczmarek, democracy.works





smoke: 57.0%



HPWREN

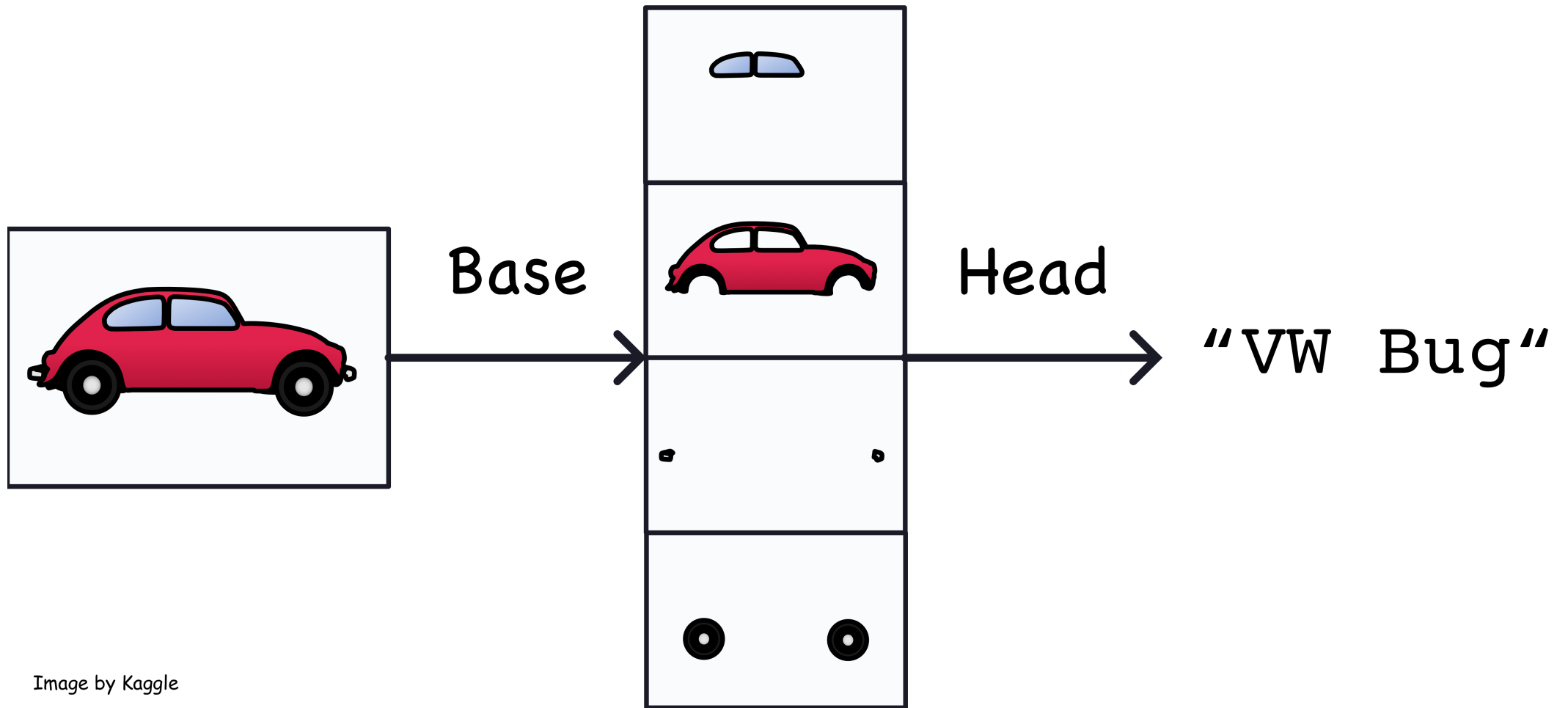


Image by Kaggle

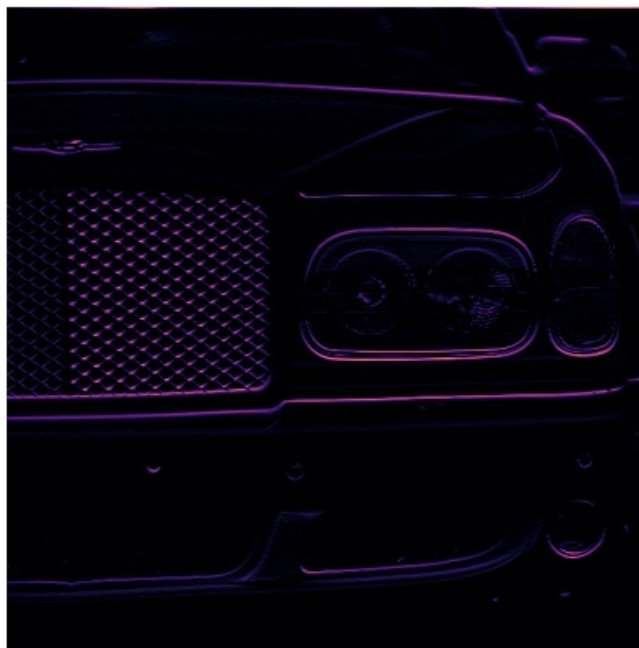
Input



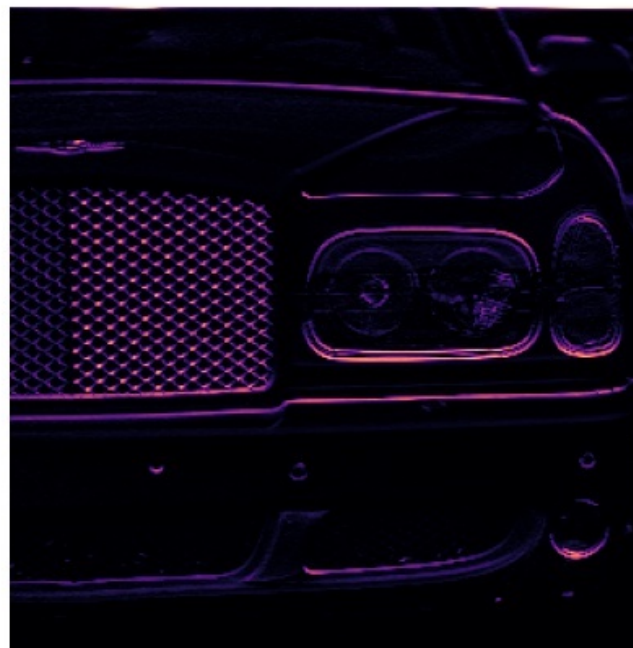
Filter



Detect



Condense



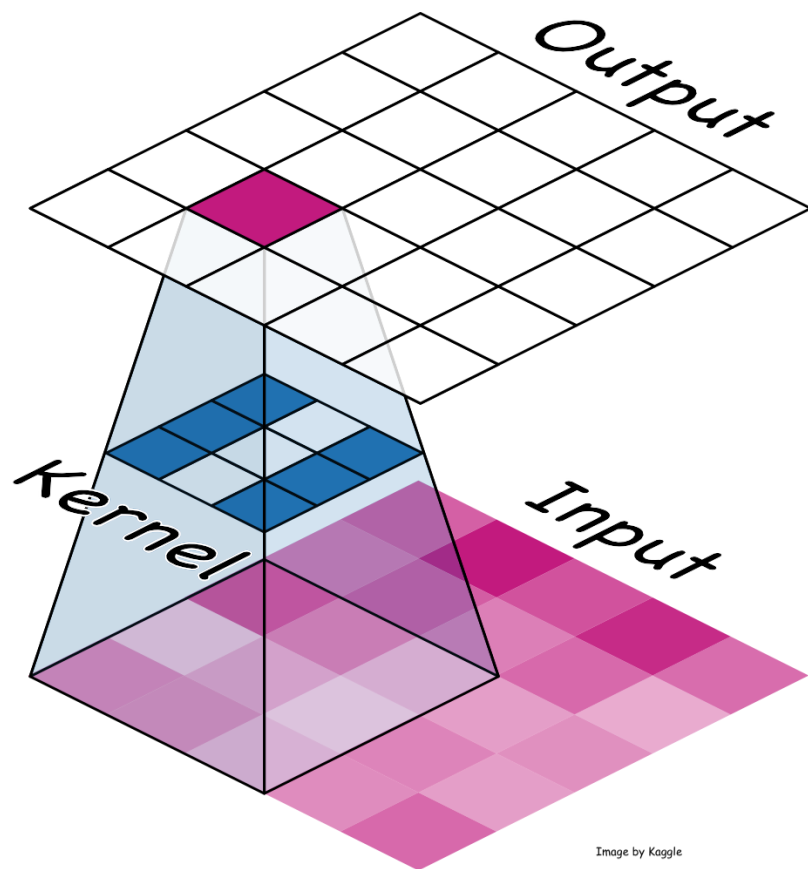
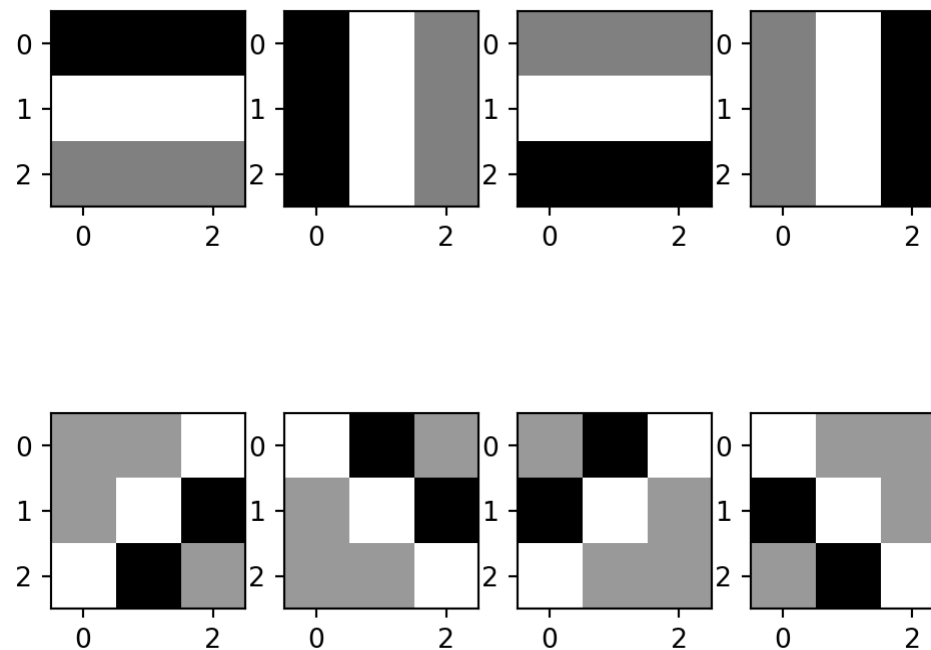
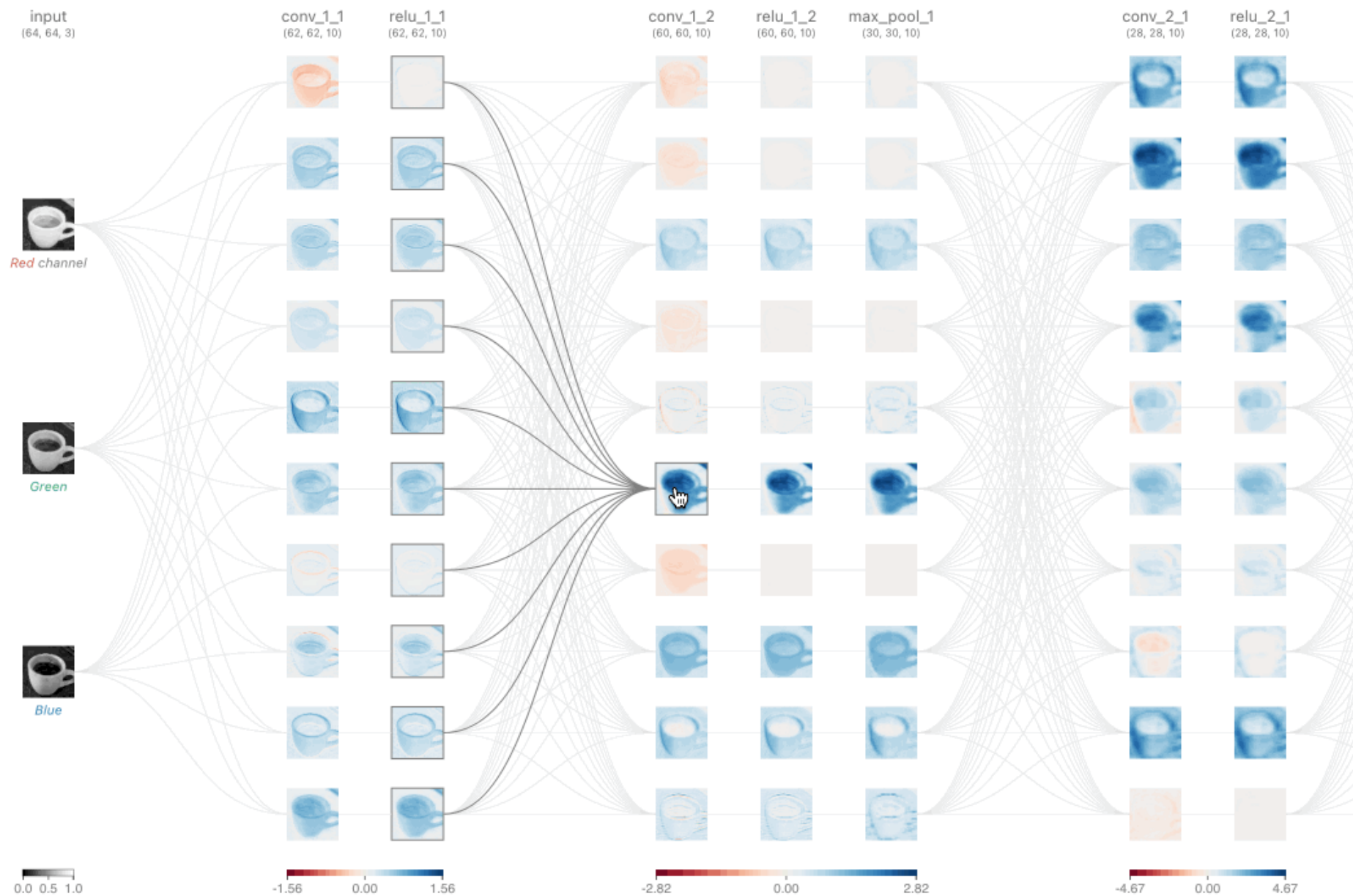


Image by Kaggle





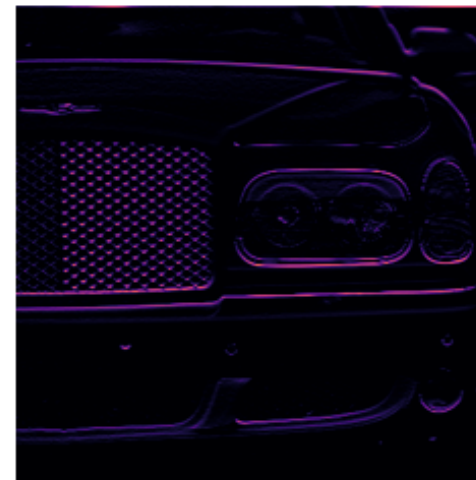
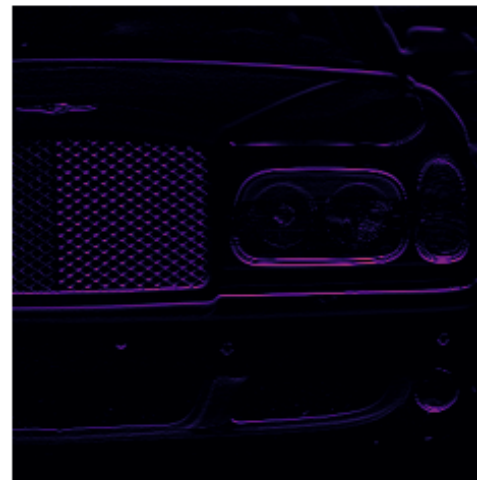
-1	-1
1	1

-1	-2	-1
0	0	0
1	2	1

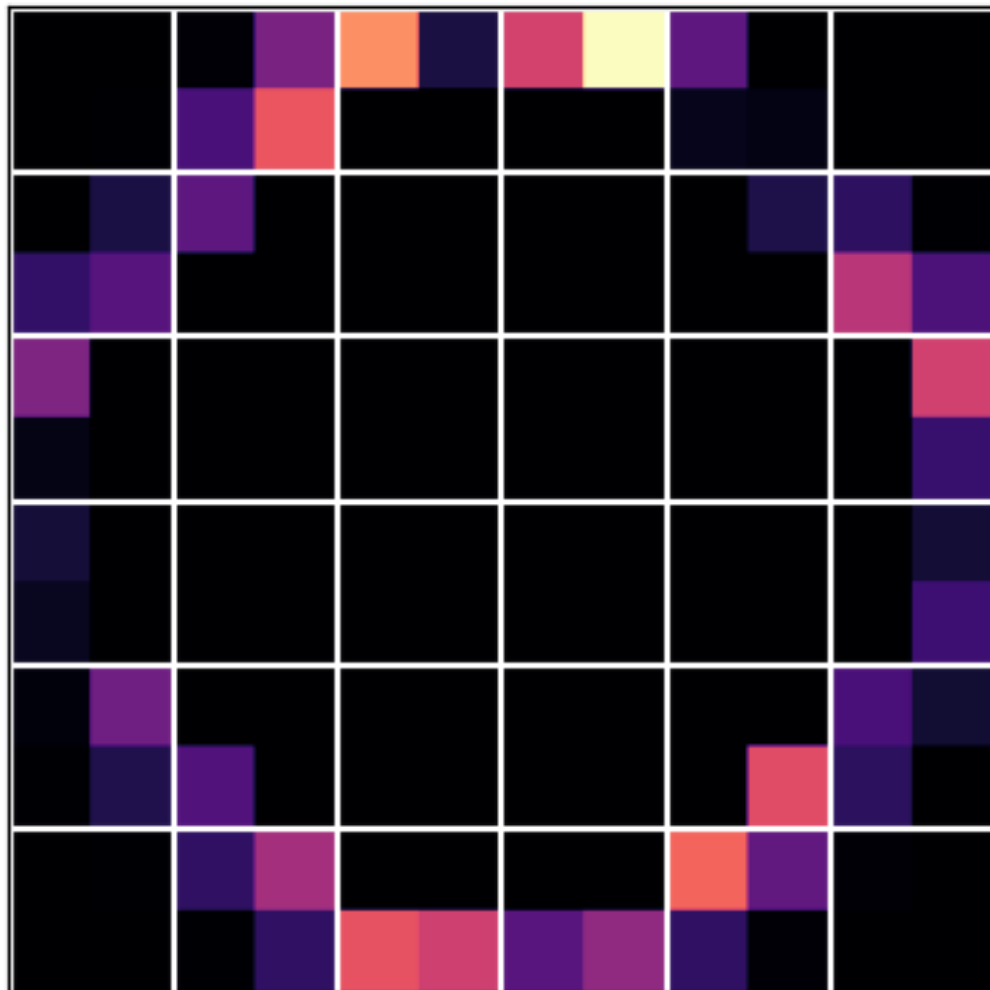
-2	-1	0
-1	1	1
0	1	2



Image by Kaggle



Original



Pooled



Image by Kaggle

