

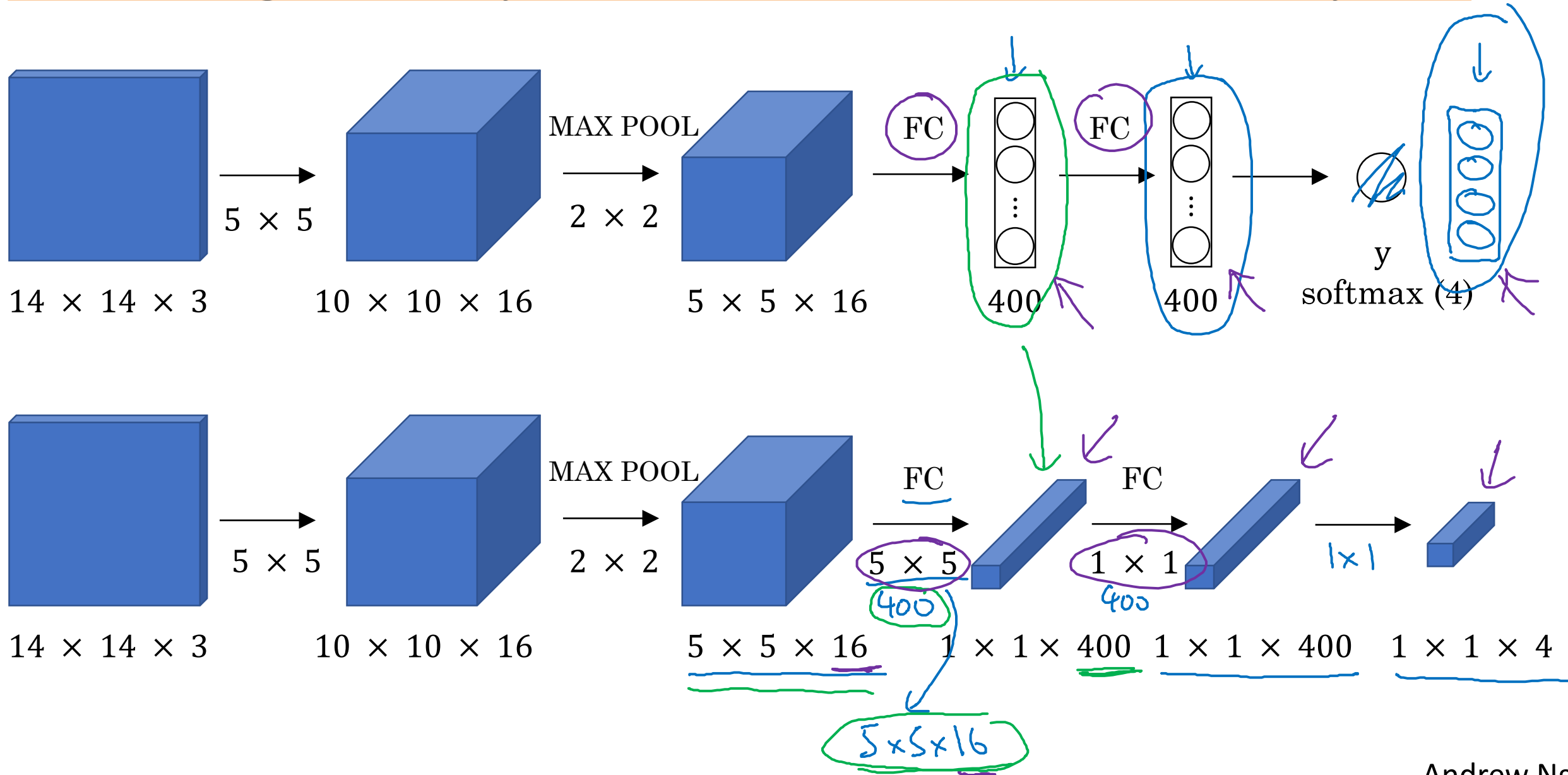


deeplearning.ai

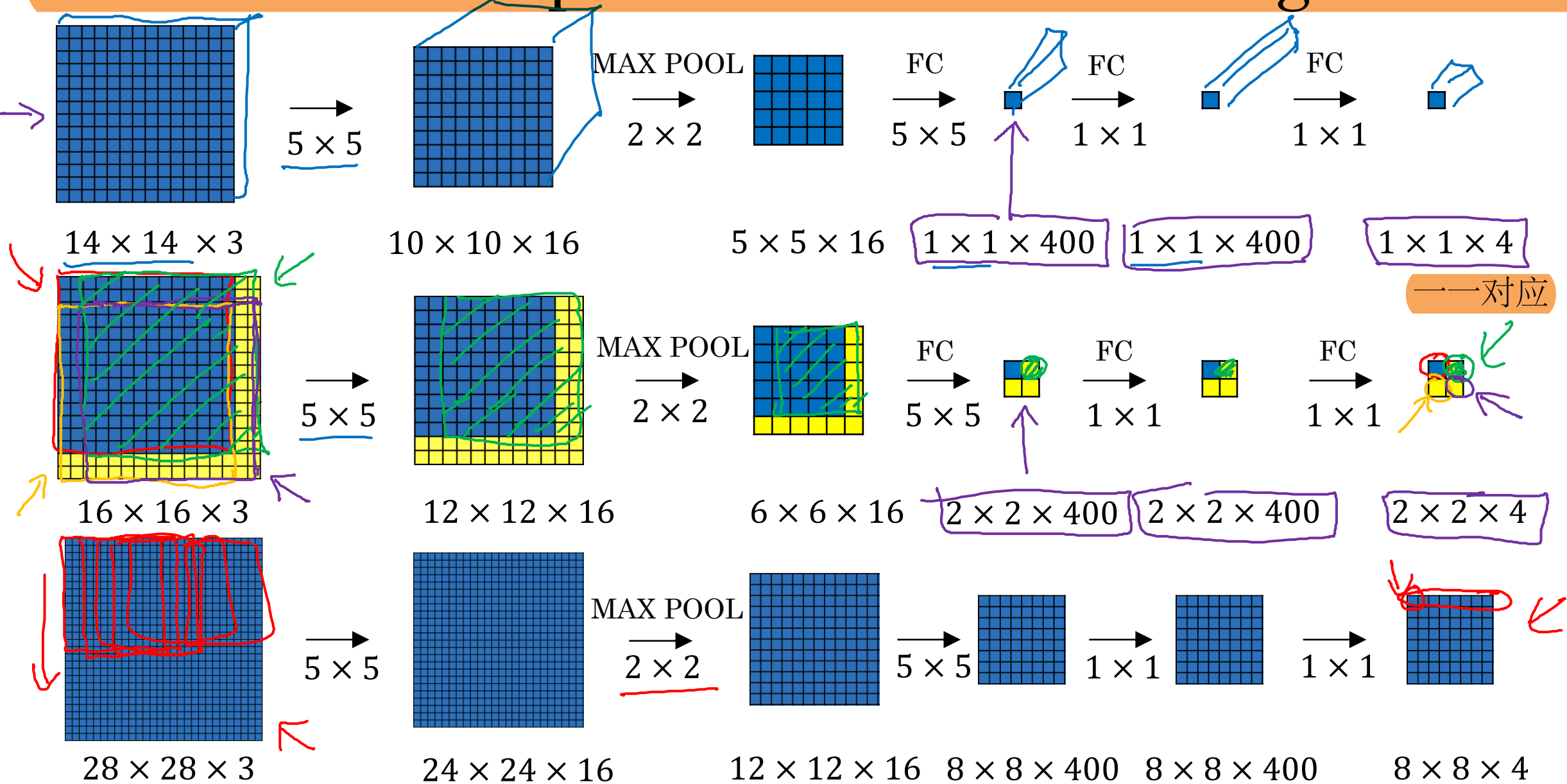
Object Detection

Convolutional implementation of sliding windows

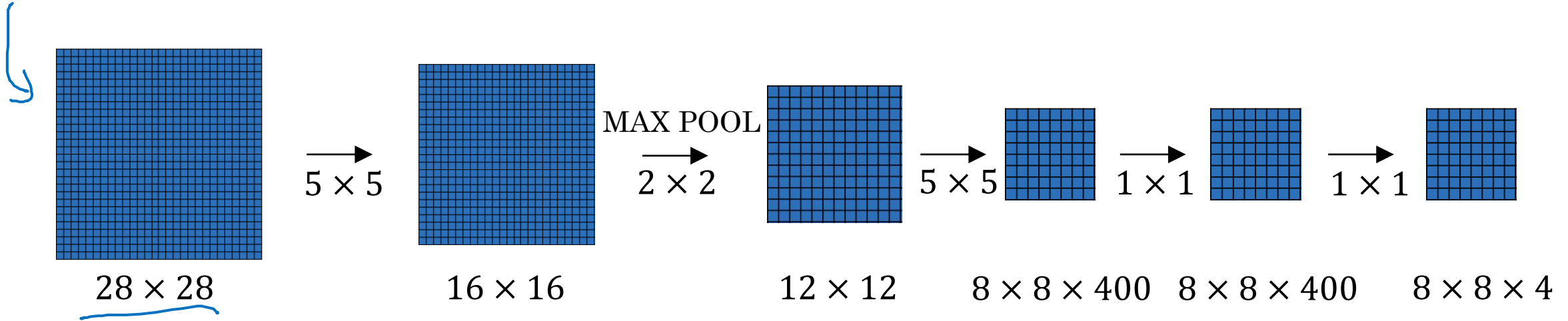
Turning FC layer into convolutional layers



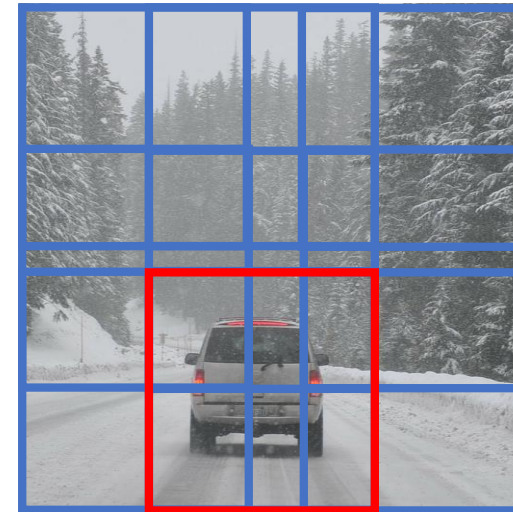
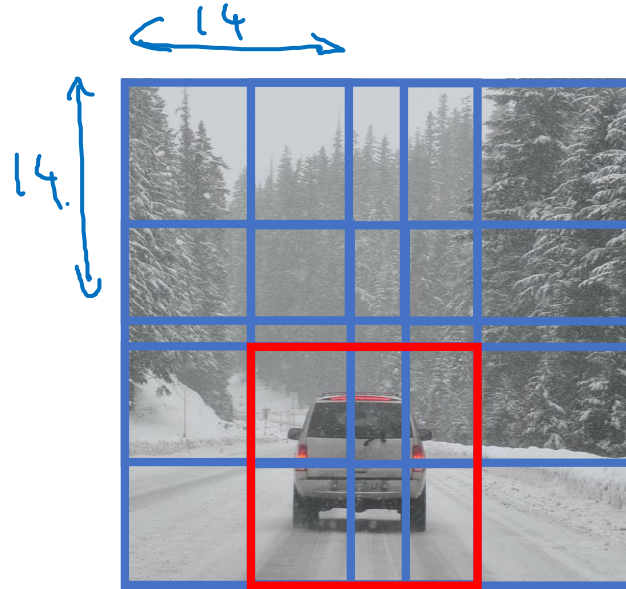
Convolution implementation of sliding windows



Convolution implementation of sliding windows



Doing the Sliding Windows algorithms sequentially will be computationally very expensive



Implementing the Sliding Windows Algorithms convolutionally will solve the problem and speed up the computation.

All done at the same time, sharing same computations, very efficient.