



deeplearning.ai

Object Detection

Object
detection

Car detection example

Training set:

x

y



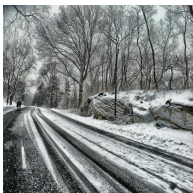
1



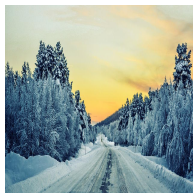
1



1



0



0

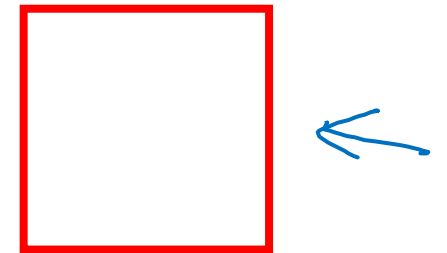
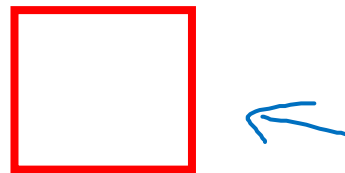
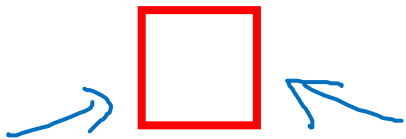
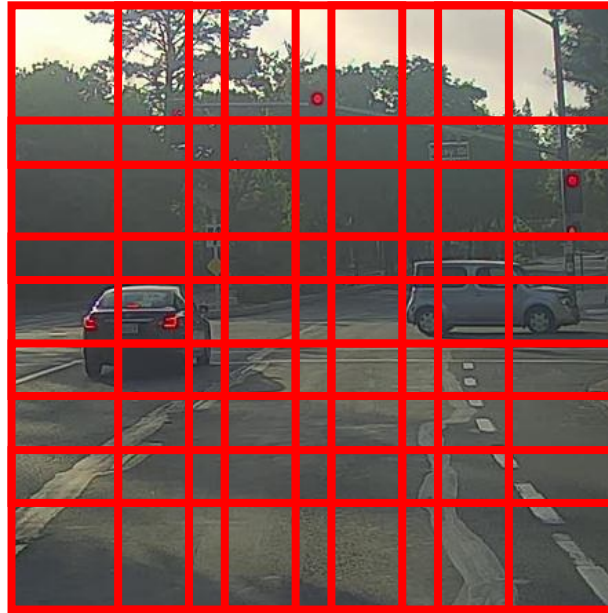
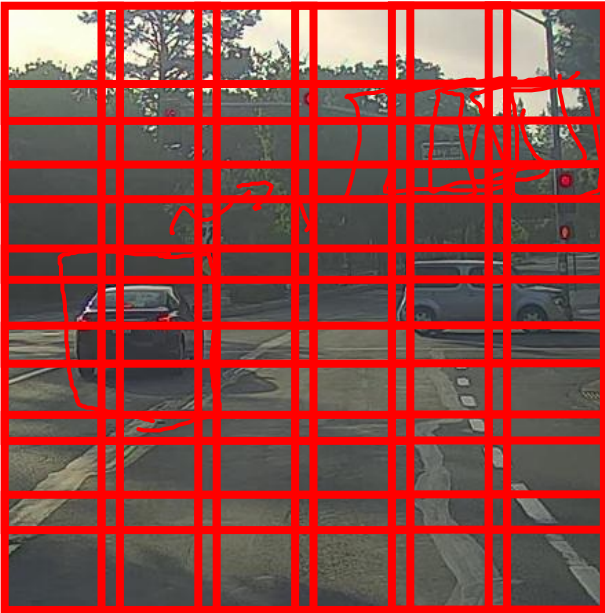


→ ConvNet → y

Sliding windows detection

ConvNet \rightarrow 0

ConvNet



Computation cost