



deeplearning.ai

Object Detection

Object
detection

Car detection example

Training set:

x

y



1

1

1

0

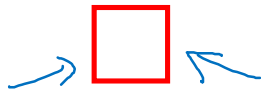
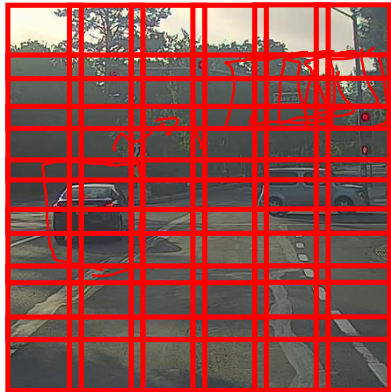
0



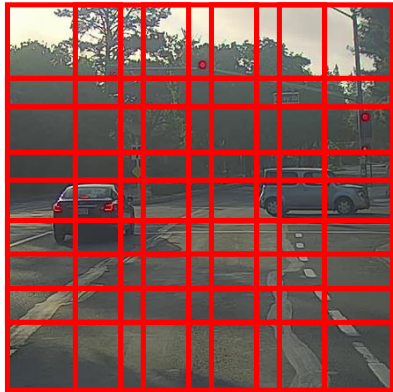
\rightarrow ConvNet $\rightarrow y$

Sliding windows detection

→ ConvNet → 0



→ ConvNet



Computation cost

