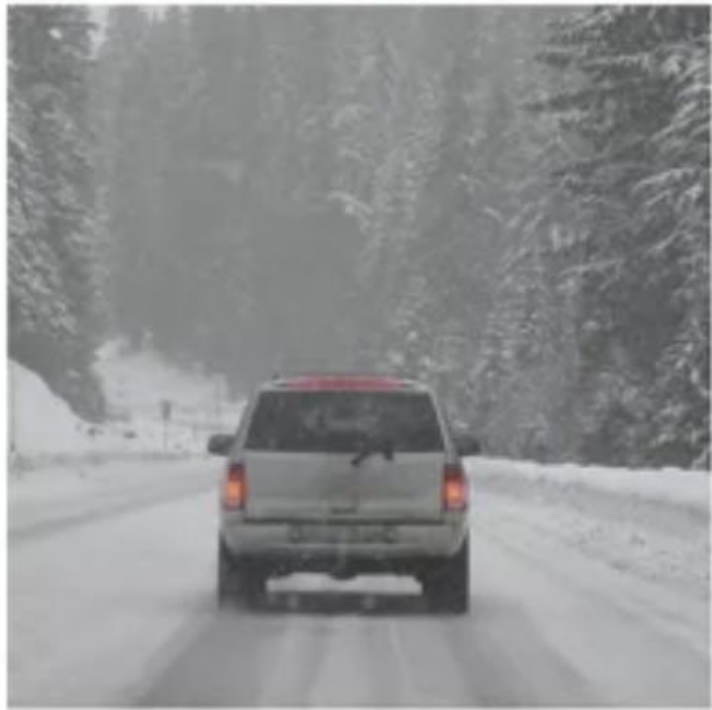


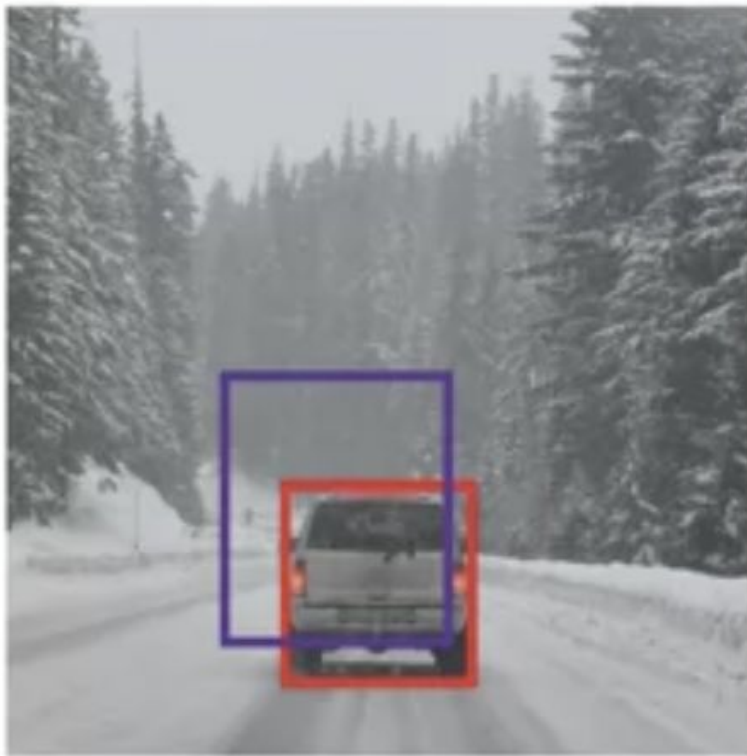
# Advanced Machine Learning

Likhith Nayak

# Object detection using CNN

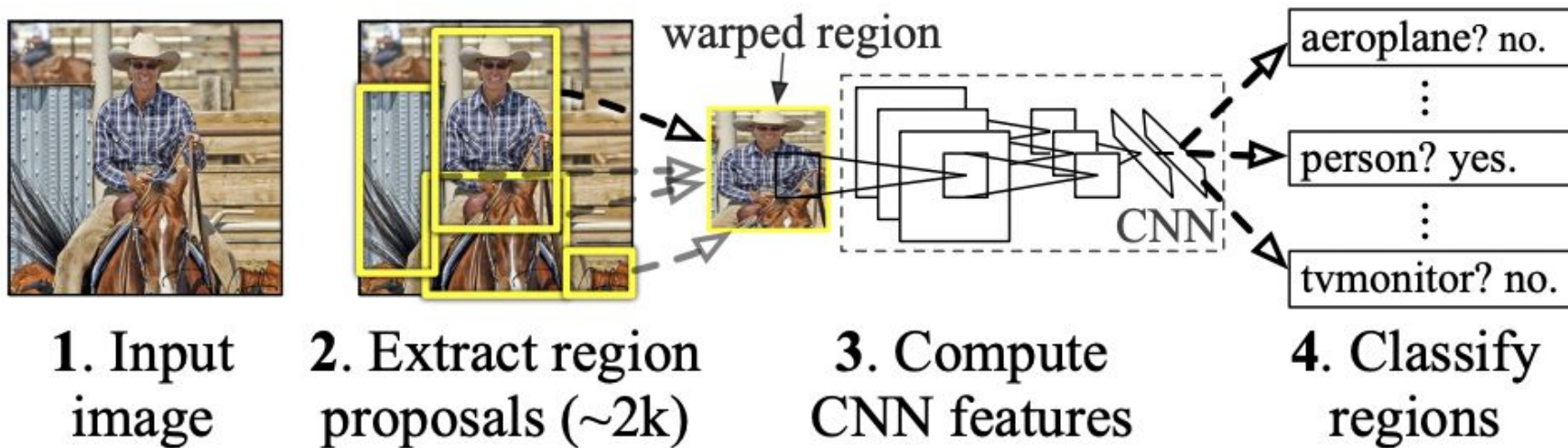


# Intersection over Union (IOU)

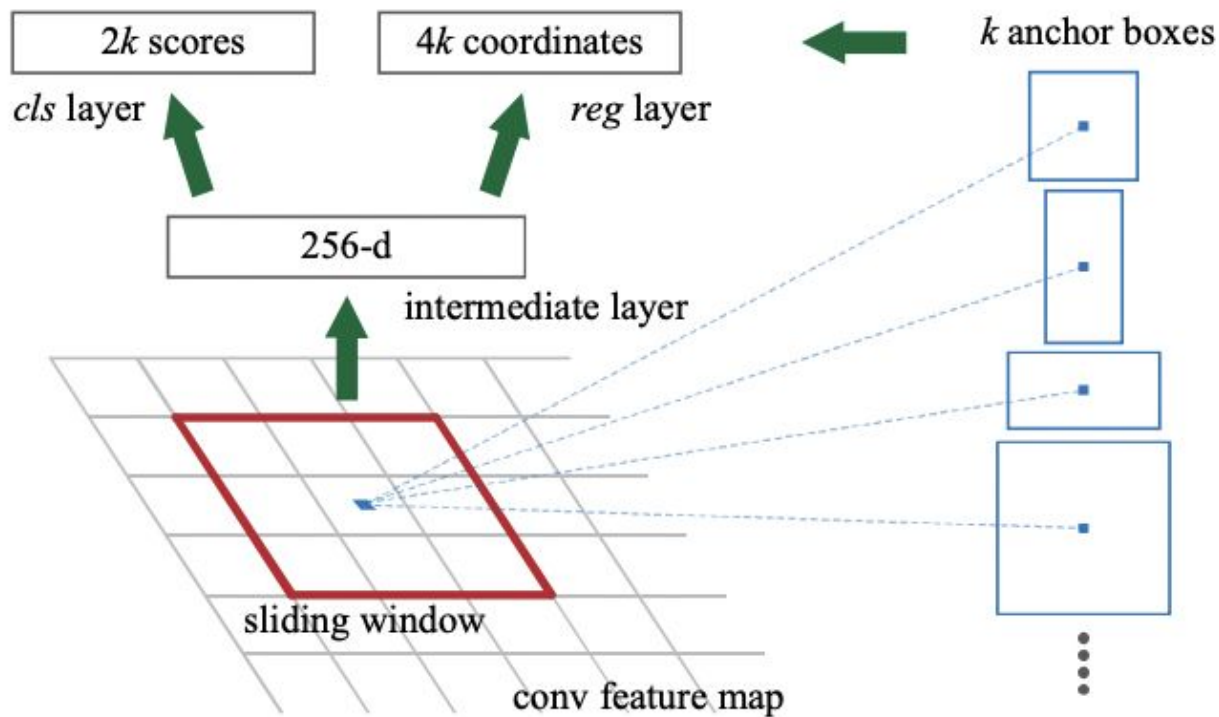


# Object detection using CNN

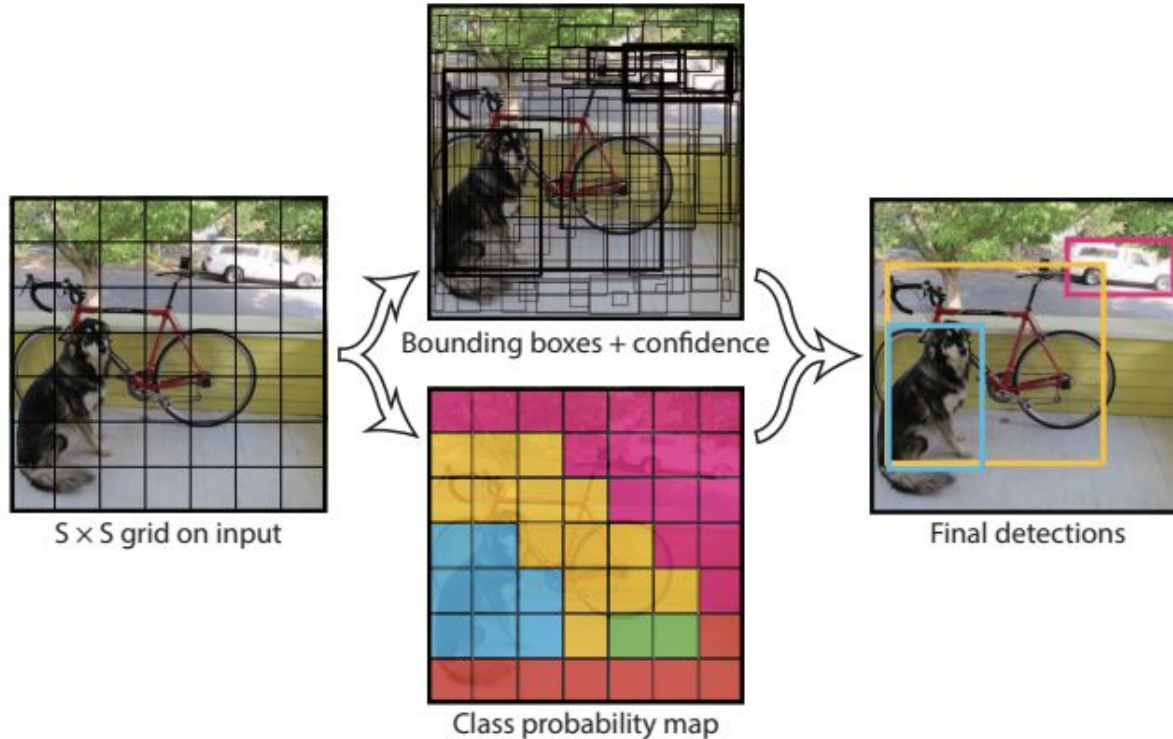
## **R-CNN: *Regions with CNN features***



# Object detection using CNN



# Object detection using CNN - YOLO



Redmon, Joseph, et al. "You only look once: Unified, real-time object detection." *Proceedings of the IEEE conference on computer vision and pattern recognition*. 2016.