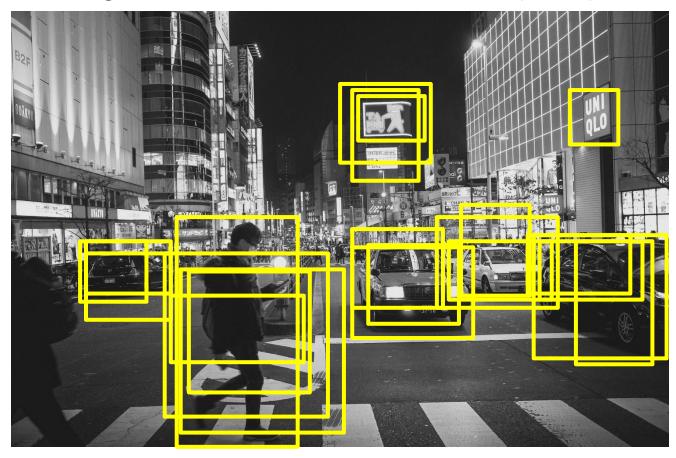
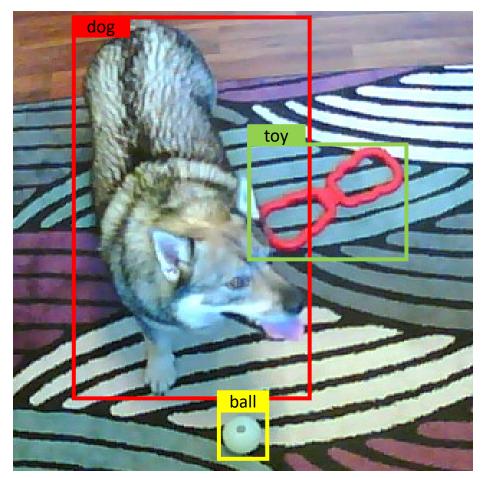
Computer Vision with Embedded Machine Learning

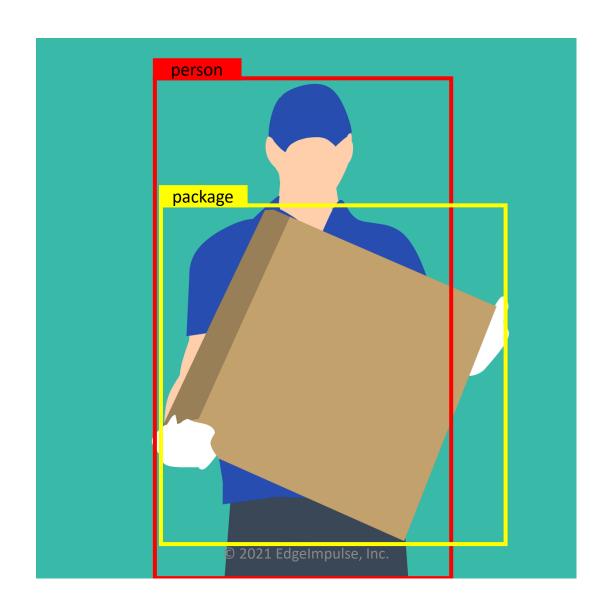
Object Detection Models

Region-based Convolutional Neural Network (R-CNN)

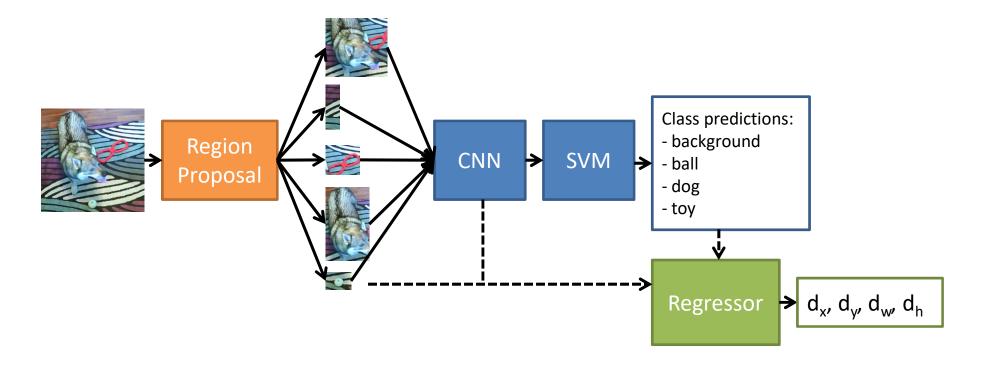




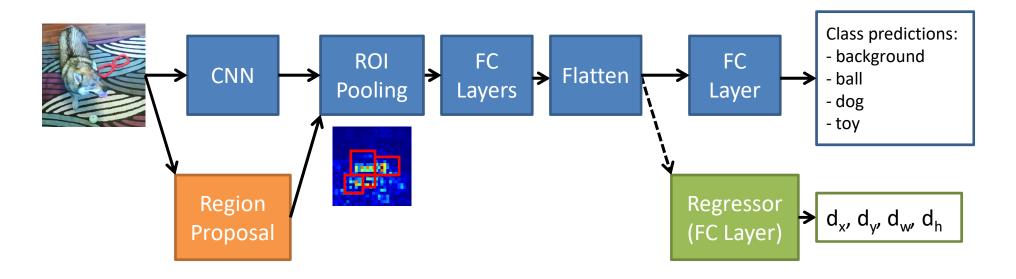
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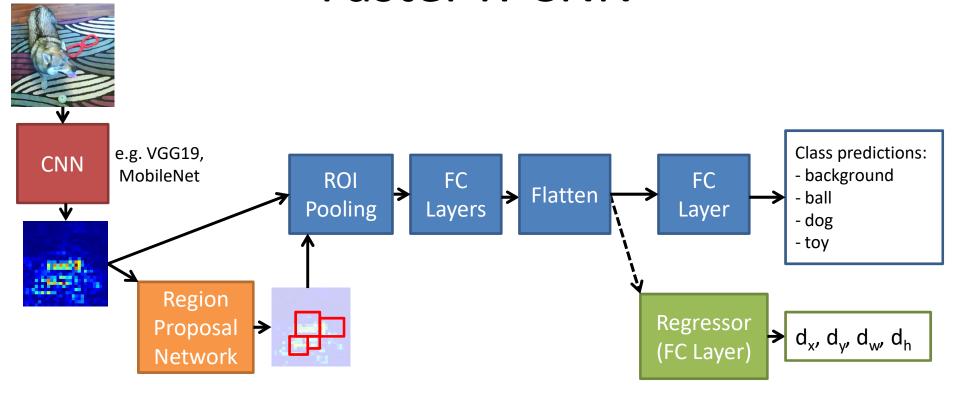
R-CNN

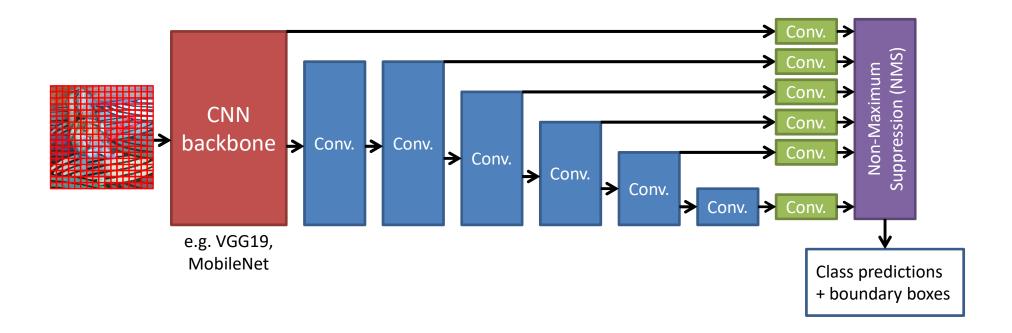


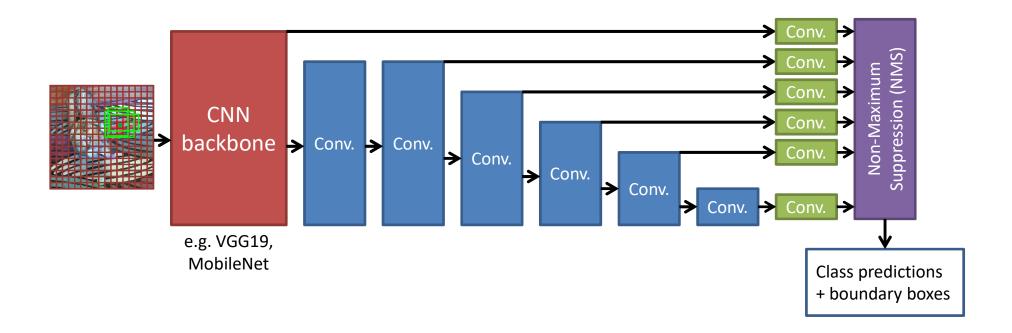
Fast R-CNN

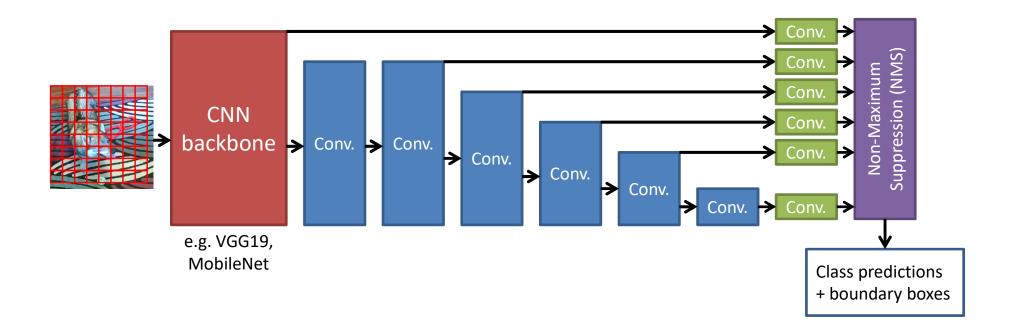


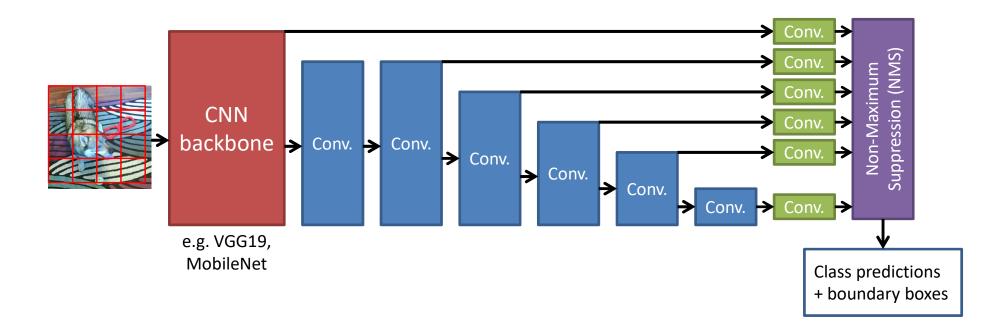
Faster R-CNN

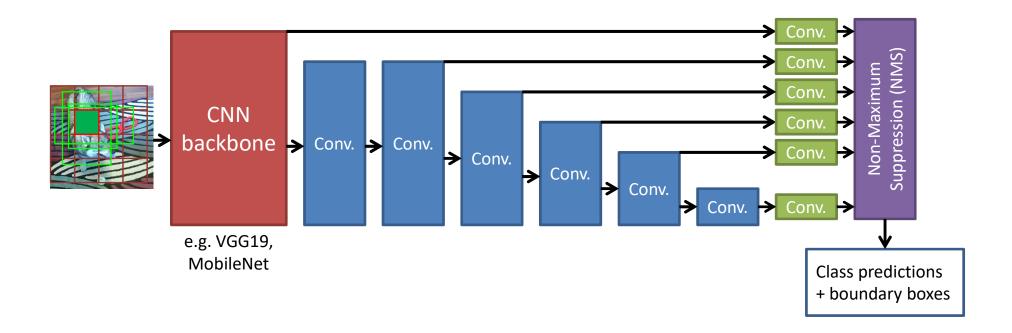


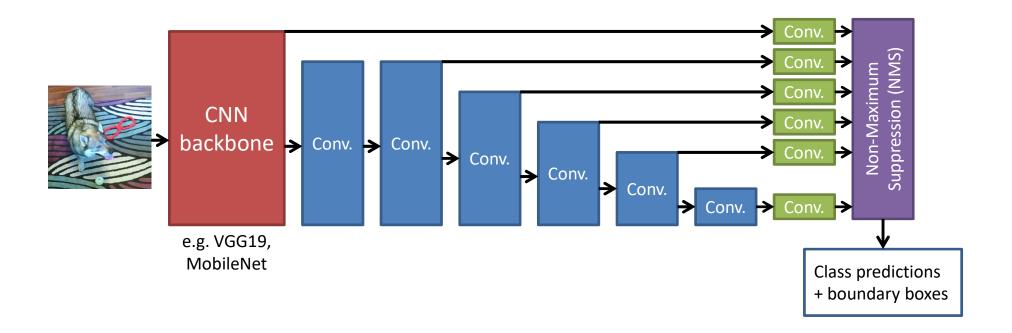


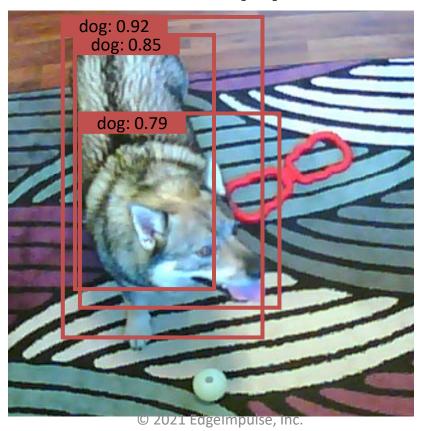


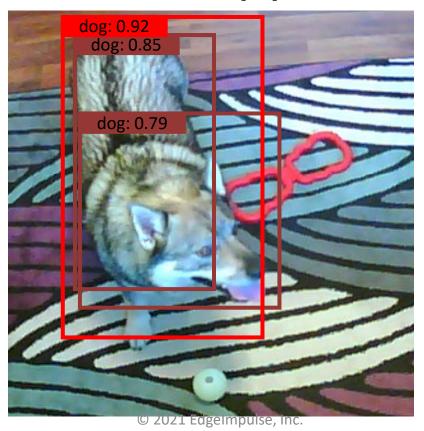


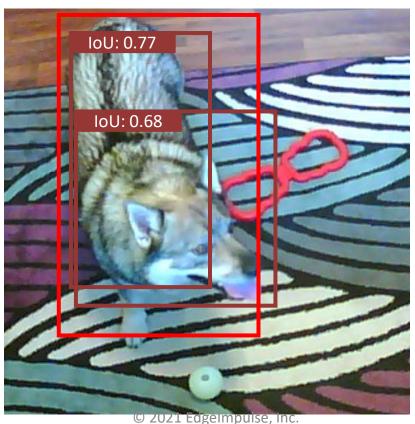


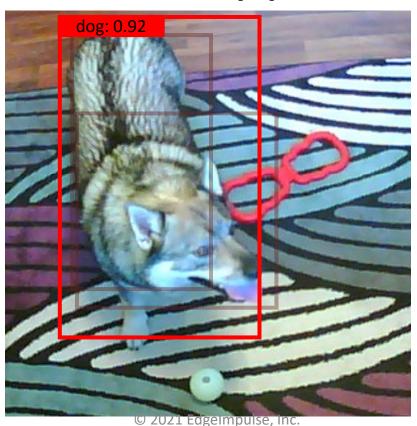


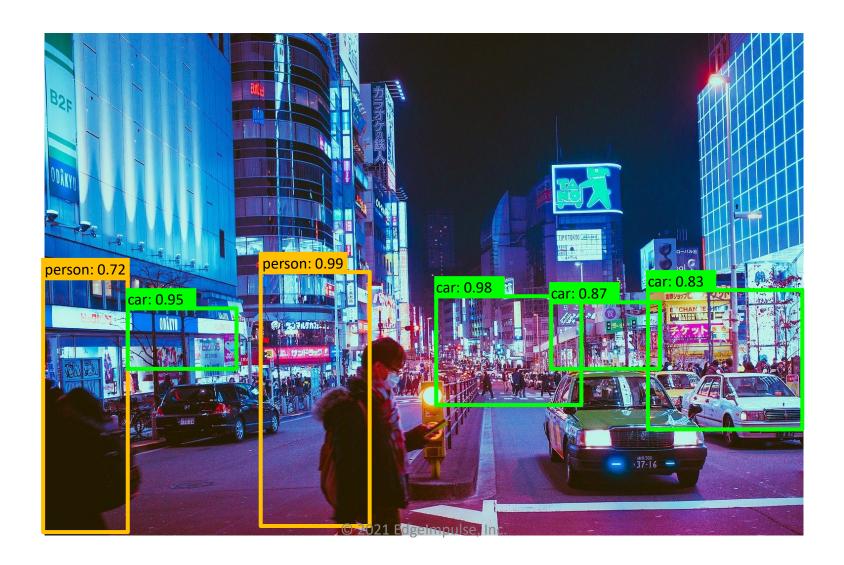


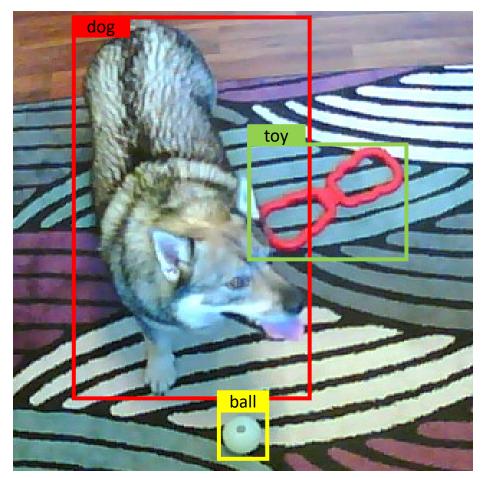












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Feature Pyramid Network (FPN)

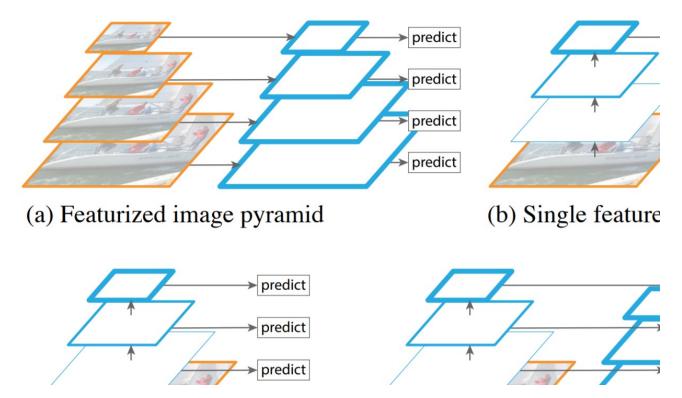


Image source: "Feature Pyramid Networks for Object Detection" (https://arxiv.org/pdf/1612.03144.pdf)