

Redes para Rastreamento em imagens

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OpenCV

Rastreamento de obstáculos



Sensoriamento:
Imagens



Processamento
De Imagens



Análise: *Machine Learning*



road

sidewalk

building

wall

fence

pole

traffic light

traffic sign

vegetation

terrain

sky

person

rider

car

truck

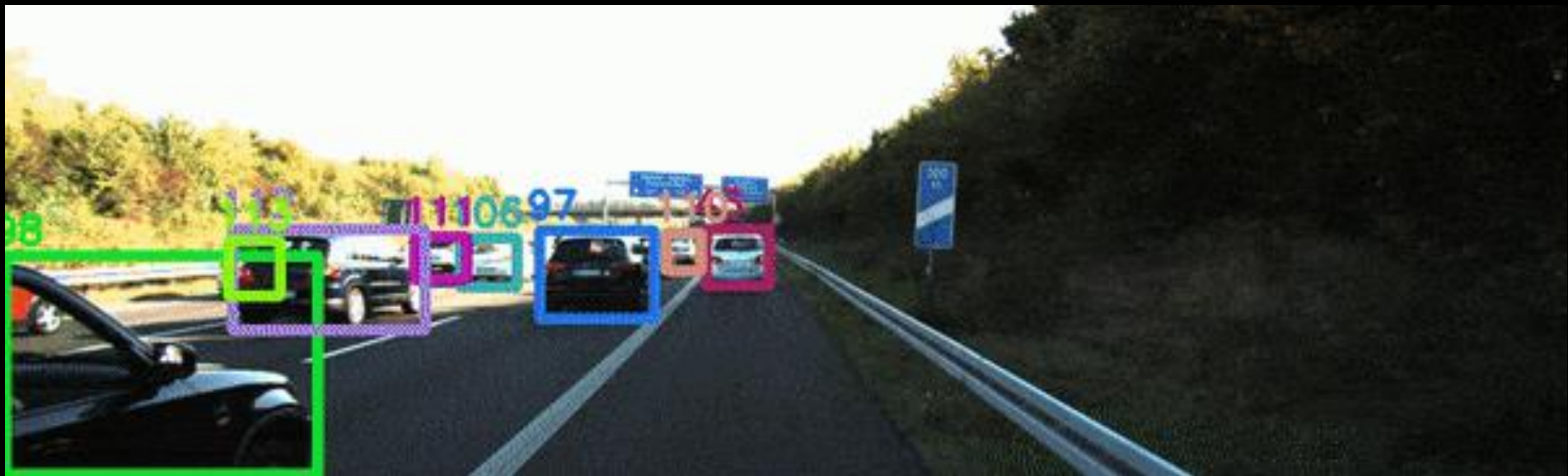
bus

train

motorcycle

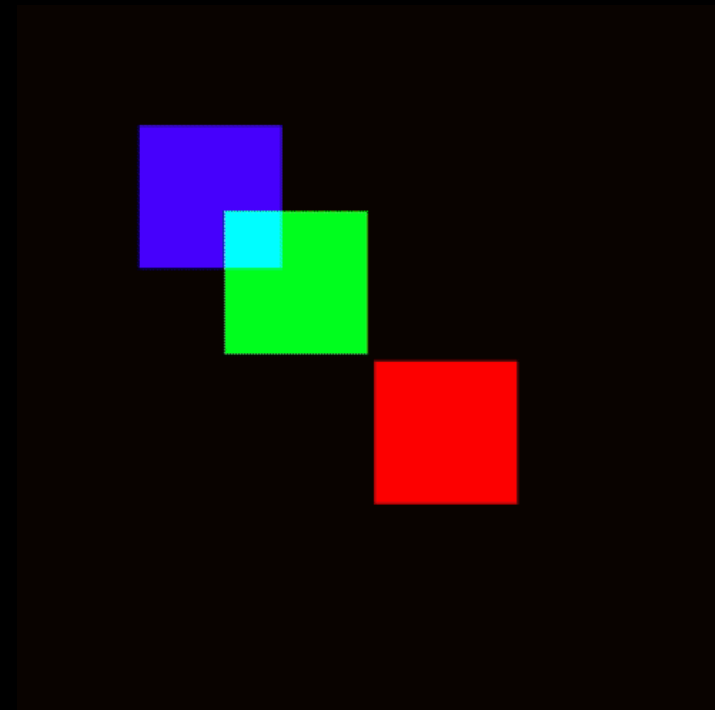
bicycle

Rastreamento de obstáculos



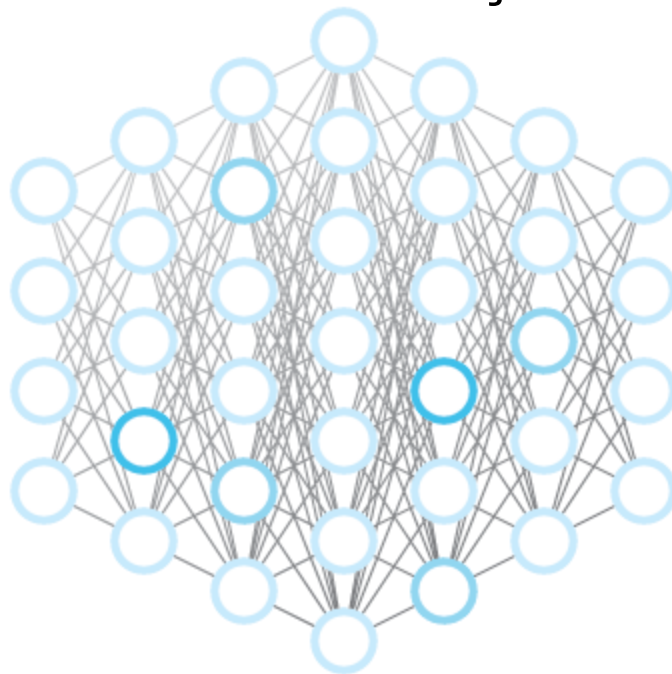
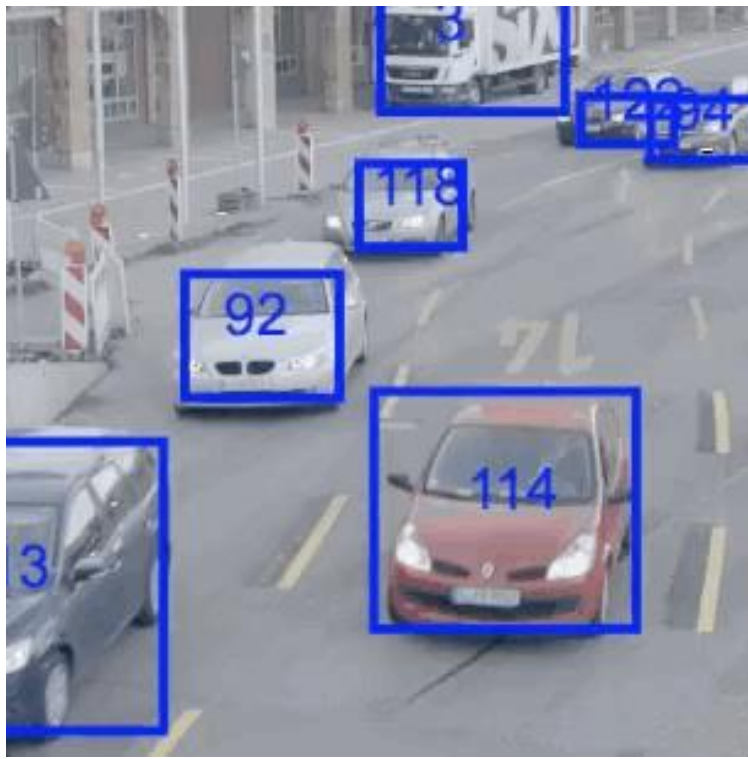
Tipos de Redes para *Tracking* em imagens

Visão Computacional



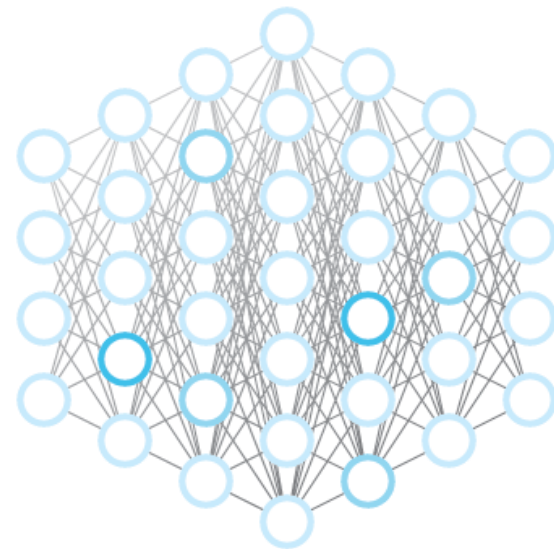
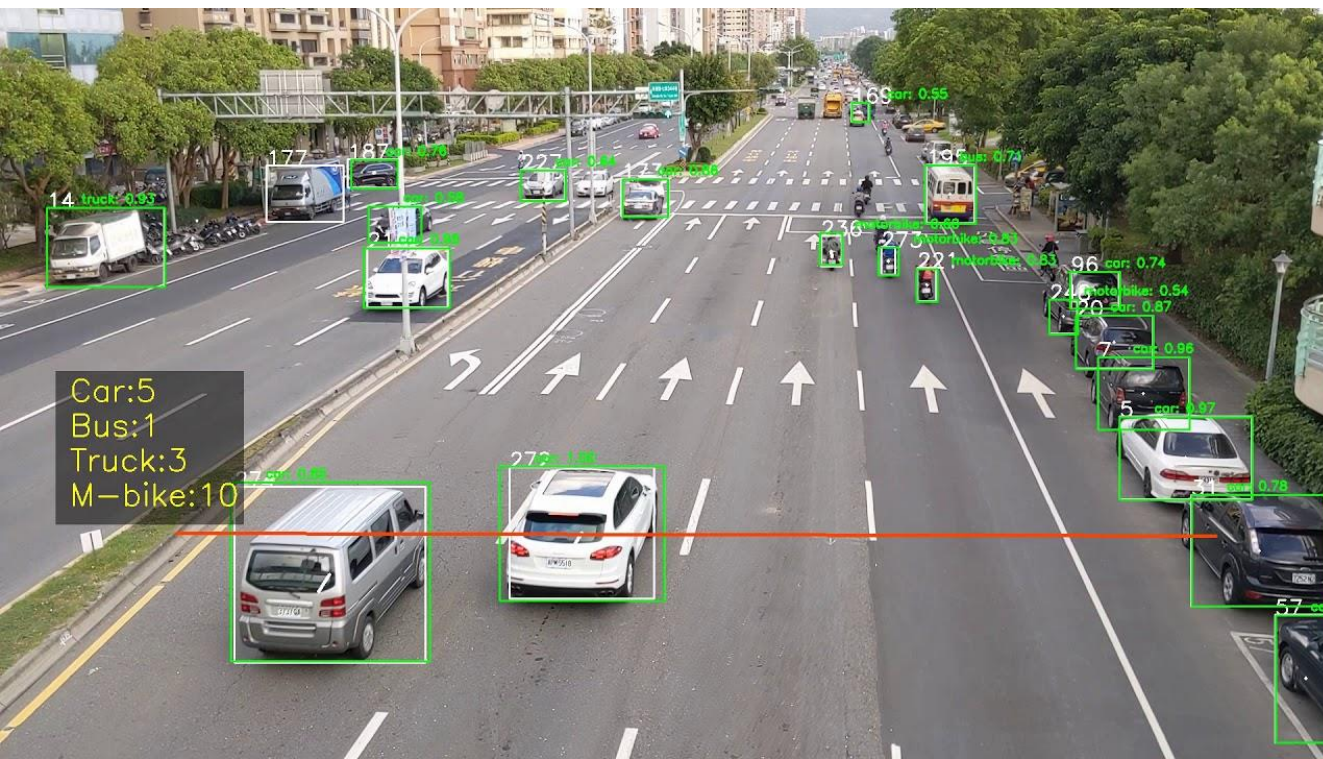
YOLO Sort

→ Detecção de objetos: **Detecção + Rastreamento em função do tempo**



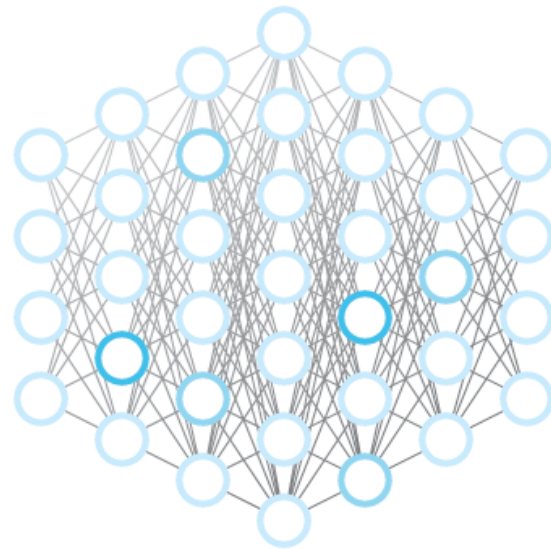
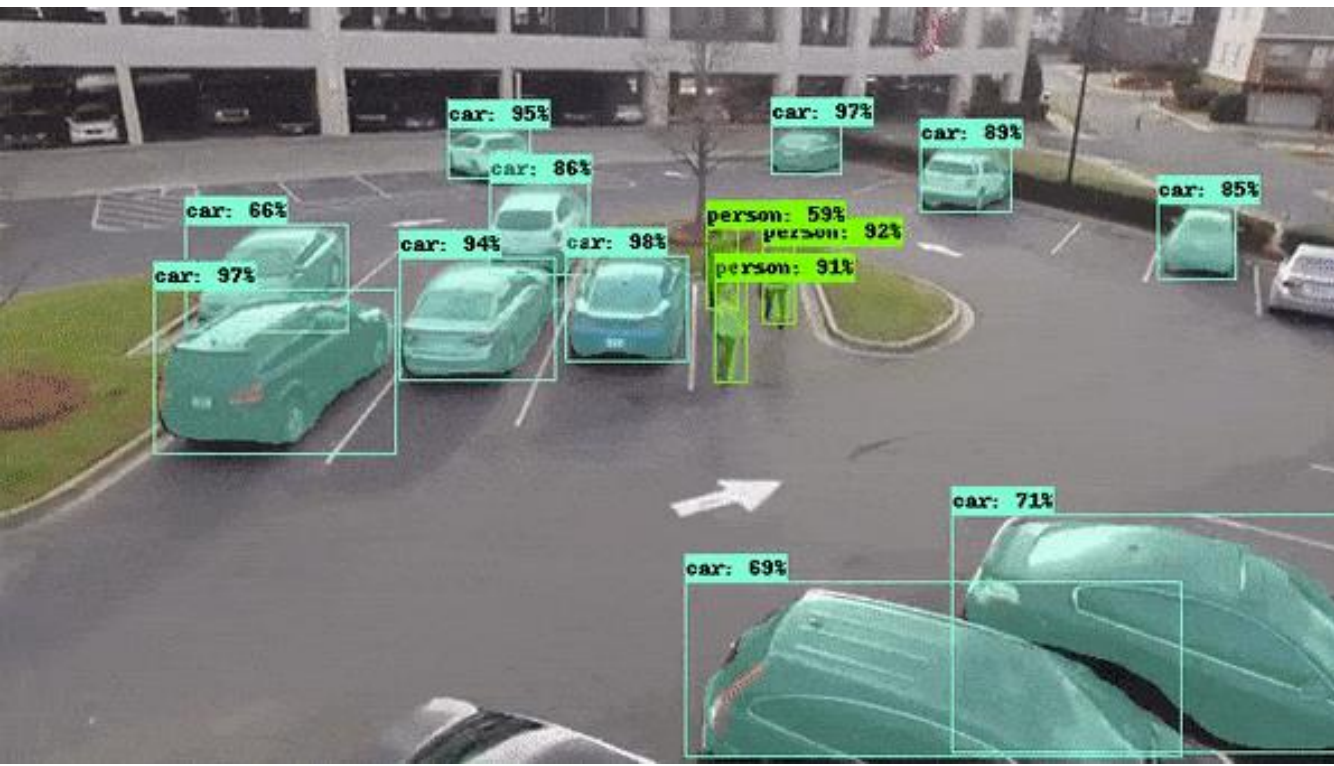
YOLO Sort

→ Detecção de objetos: **Detecção + Rastreamento em função do tempo**



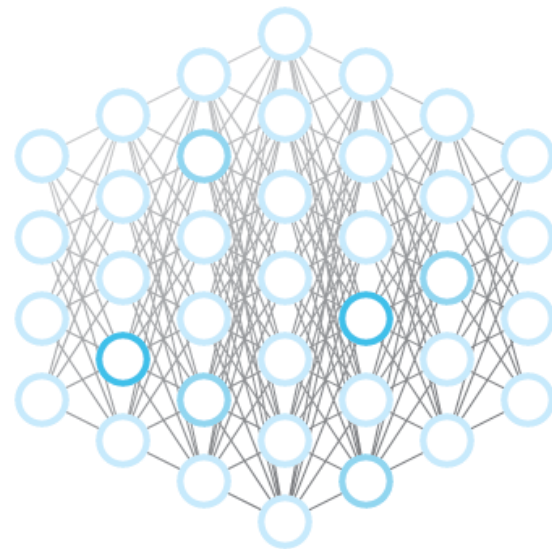
Mask-RCNN

→ Detecção de objetos: **Detecção + Rastreamento em função do tempo**



Mask-RCNN

→ Detecção de objetos: **Detecção + Rastreamento em função do tempo**



Obrigado!

Machine Learning

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OpenCV