

# Methodology

## \* Preliminary testing of YOLO models



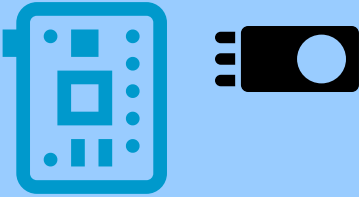
YOLOv5

VS



YOLOv8

## \* Addition of CO sensor

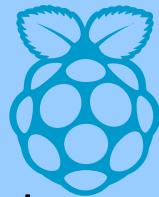


## \* Addition of GPS module



## \* Deployment of model

Trained model



Raspberry Pi 4B

## \* Composition of final output



Coordinates



Probability of fire