

L3-C2 Traditional or ML vision?

You work for a company in charge of the security of a main car tunnel. They want to develop a drone that can enter the tunnel in case of fire, and deliver high resolution images of the situation. They want to use the vision also for navigation, looking at the ground lines. In case of fire the lines can be affected in very different and mostly unknown ways depending on the type of fire, etc. and what it's important is to know when the line cannot be detected anymore by the system. Which approach you use for this computer vision task of identification of the line?

A – Classical methods

B - Machine learning techniques



Credit: Rex Features