CNN Based Approach for Detection of Helmet-AI Traffic Assistant

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Abstract*: The 3-way helmet and registration code recognition machine is one such shrewd transportation gadget. The goal is to extract the numbers from the plate. This method is utilized in various security applications for registration code and helmet retrieval. This painting is based totally on facet detection and green morphological operations. Character segmentation is the technique of extracting characters and numbers from a registration code. Voices within the picture are removed by using filtering strategies. Character recognition uses Optical Character Recognition (OCR) technology. In OCR, a character filter out is matched against a pattern with the use of a matching algorithm, and the individual is ultimately extracted. Motorcycle accidents have been growing hastily over the years in many countries. A helmet is the primary protecting gadget of motorcyclists. But many drivers do not use it. The cause of a helmet is to shield the driving force's head in case of a twist of fate.*

Keywords: CNN

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