Abstract

Road fatalities and disabilities are a major public health concern. Every year, approximately 1.35 million people die in road crashes and 50 million suffer non-fatal injuries.

Thanks to the advancement in communications and intelligent transportations, new systems have been developed to increase the safety, comfort , and efficiency of driving. Artificial Intelligence crossed with Vehicle-to-Everything (V2X) technologies allows the acquisition of information and the creation of real-time prediction algorithms to avoid potential accidents.

We have implemented a deep-learning algorithm that detects and identifies objects around the car.