

Anti-Sleep Alarm

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Abstract: Expertise advancement has always been a great boon to human life that helps in developing many systems, which adds comfort, safety, advancement, and so on in every field right from agriculture to industries. One of such area is to have an automatic system for detecting the driver sleepiness condition, which will alarm the driver to stop driving. Many systems are available in this area for warning the driver of his drowsiness for safety of drivers. This paper is a survey of driver sleepiness classification that will help us understand different techniques that can be employed to make this alert system more accurate thereby increasing the rate at which drowsiness detection can be done. This paper also introduces how modern technology like Machine learning and IoT can also be used to enhance the performance of driver sleepiness detection which will avoid accidents and ensure road safety.

Keywords: Neural Network, Machine learning, Driver Drowsiness, Driver Sleepiness, Accident Detection System