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A Survey on "Drowsiness Alert Using Machine Learning Algorithms and Deep Learning Algorithms"

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Abstract: *We advocated using this strategy to minimize the frequency of accidents caused by driver fatigue and thereby improve road safety. This gadget detects driver sleepiness using visual data and artificial intelligence. SoftMax is used to detect, monitor, and study the neural transfer function. In order to quantify PERCLOS, the driver's face and eyes must be examined (percent of eye closure). It will also make use of alcohol. Pulse monitoring is used to assess whether or not the person is healthy. Due to extended durations of drive and boredom, Driver weariness is one of the leading causes of traffic accidents, particularly in congested areas. Huge vehicle drivers (such as buses and heavy trucks).*

Keywords: Drowsiness in Drivers, Machine Learning, Image Processing, and Deep Learning

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