

[Home](#) > [Disruptive Technologies for Big Data and Cloud Applications](#) > [Conference paper](#)

Detection of Drowsiness Using Artificial Intelligence

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Abstract

The paper describes the detection process using artificial intelligence. This aims in the detection of drowsiness for a car driver. The driver who is feeling drowsy, due to his/her reactive phenomena, the detection process is done. The detections are said to be whole face and eye detection. The eye detection has major qualities like position detecting, shape detecting, blink counting and so on. The main goal of this paper is to handle the driver without causing accidents on road. The driver's fatigue shows the system to detect the eyes and to alert him within a fraction of seconds. The alert message is passed to the driver using the alert sound. This sound makes the driver to get alert if he closes his/her eyes. This is the criteria of this paper to reduce accidents causing on roads.

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