

4. Conclusion

Various methods have been utilized to detect drowsiness. Some of these methods give high accuracy. Most of these methods used computer vision algorithm for detecting face from photo or videos, detecting gesture of closing eyes and detecting mouth. Computer vision algorithm gives high accuracy. After detecting face, eyes and mouth various algorithms are used on this to detect drowsiness and alert the driver. Many methods give high accuracy. Some methods have disadvantages such as wearing sunglasses, skin color, insufficient lighting, night time and day time. Only single metric that is face detection is considered to detect drowsiness. Hence multiple metric can be considered to achieve more accuracy.

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