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Car Black Box System for Accident Analysis Using IoT

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Abstract: *The car black box is used to analyses the cause of accidents like an airplane black box. This paper proposes a model of a car black box system which can be installed in the cars. The aim of this paper is to achieve accident analysis by tracking the working process of vehicles. In addition to this, the car black box system sends an alert message to the user mobile which is connected through Bluetooth module. The black box system also uses GPS sensor to collect the data location. The car black box system mainly helps the insurance companies to do car crash investigations and to record the road status to prevent or decrease death rates. This paper proposes a technique to monitor the vehicle performance and the behavior of the driver using sensors with the use of IoT technology.*

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