

# **Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies**

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## **ABSTRACT:**

Analysis of the damaged vehicle that can be automatically claiming insurance that takes human resource, time and effort. Image processing and machine learning techniques helps in analyzing the vehicle damage in the proposed solution. In Advanced solution helps to speed up the claiming process sufficiently.

Consider a situation, if a person is driving a car, they met an accident the vehicle owner can take a few photos of the damaged car from a mobile phone that can be send to the insurance company and can just upload the photos to the system. The system can analyze the damage, severity of the damage as well as location of the damage. In this proposed project the insurance company can machine-driven the car damage analysis process without the need for humans to analyze the damage done to the car.

Therefore, reducing loss adjustment costs, improvements in the First Notice of Loss and the speed with which claims are examined and evaluated might save a lot of money in the automobile insurance claims process. Car damage is automatically identified and classified using advanced picture analysis and pattern recognition technology. A technique that compares before-and after-accident car images to automatically detect the damaged location.