



CarDE is an AI-powered automotive damage estimation platform that can function on multiple mobile platforms and web platforms. It allows users to easily upload images of the damaged car parts to a preset map and get an estimate.

CarDE leverages image analytics and machine learning frameworks to process automotive damage claims and improve the insurer's response to customers without changing existing capabilities. The image analytics and ML capabilities can get images, perform image classification, real-time anomaly detection, and estimation.



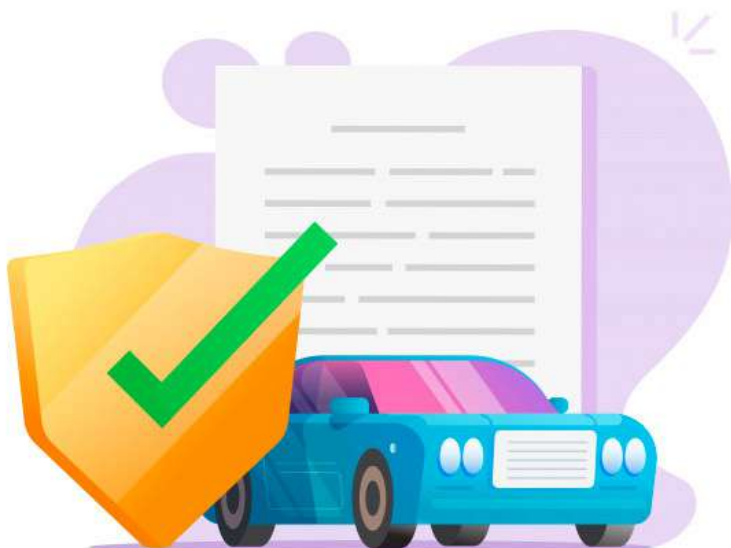
CarDE features

- Car model detection: CarDE relies on AI models trained with over 2,000 different car models. The app can efficiently detect the car model involved in the incident.
- Parts detection: CarDE can detect around 20 different car exterior parts. This helps in providing a more accurate estimate.
- Damage type detection: Damages are classified considering different aspects. The classification is based on a model built with more than 30,000 car damage annotations.
- Damage severity: Damages are classified considering different aspects. The classification is based on a model built with more than 30,000 car damage annotations.
- Damage estimate: The damage estimate is calculated by our algorithm based on these values, the damage severity, location, and access to the body shop.

Insurance process made easy

CarDE is developed as a PaaS solution as well as a mobile app that can be integrated with existing apps. It is powered by the cloud to meet the high resource requirement and scaling. The PaaS model has API endpoints for third-party applications to connect.

CarDE helps businesses by reducing overhead costs and cutting down cycle time required to provide an estimate and initiate the repair process. In the event of an FNOL, the user can open the app, choose his car, capture pictures of damaged parts, and upload it to the app. The app will send the pictures for processing and will display the estimate in a few seconds.



CarDE capabilities

- Identify low-cost, low-touch claims and integrate with existing customer systems to create a faster estimate
- Easy-to-use mobile app interface, faster image capture, and real-time image processing
- Can integrate with image library to learn and adapt as per defined methods and policy
- Self-learning bot that upgrades its capability with any new query that is not already handled, integrates with the customer support as needed
- Fully cloud-based, easy to deploy, manage and scale
- Reduces on-boarding, support costs by over 40% within a year. Deployment pay-back in less than 6 months

Strenghts of the CarDE system



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