

Image Footage of Car Damage Assessment

Global insurance company assesses auto damage in image footage

- **Bounding boxes, key points, polygons, splines**
- Semantic segmentation
- Video annotation
- Large taxonomy application
- **ML-assisted pre-labeling: object detection & classification**
- Facial landmark detection
- Entity relationships & ID tracking
- **Image analysis & assessment**



Increased accuracy and efficiencies

PROJECT:

A global insurance company came to us with unique annotation requirements - assessing various types of auto damage (scratch, dent, tear, windshield) with image footage

CHALLENGE:

- The annotators were required to become experts on auto damage in order to complete tasks
- We needed to determine an accurate way to determine level of damage

SOLUTION:

Alegion built a robust training curriculum including a multitude of damage class examples in order to develop annotator expertise in identifying the intricate anatomy of the auto materials. We modified our tooling to increase the level of zoom on the images and built specifications around how polygons needed to be employed to capture elements of a damage on a car. We identified when parts of the automobile could simple be “bagged” to increase throughput and maintain quality.



ALEGION

