

# Evaluating accident damages to vehicles using computer vision technology



## CLIENT

The client is a global auto insurance major

## BUSINESS CONTEXT

A leading auto insurer wanted to develop an automated solution to assess the severity of damage to vehicles involved in accidents, using captured images, in an effort to fast-track claim payments.

## BUSINESS IMPACT

**\$1M**

Loss cost savings in 6 months with direct P&L impact



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[How we delivered Value – Go to page 2](#)



## SOLUTION DEPLOYMENT

*BRIDGEi2i used deep learning expertise for image classification & severity estimation. The solution authenticated car models & detected fraud by comparing claims details with actual images.*

BRIDGEi2i deployed multiple deep learning models developed by combining damaged car data derived from historic claims, and external non-damaged car images to estimate the losses from an accident. This included:

- Validation of car number plate & car model
- Identification of damaged front, side and back views
- Identification of extent or severity of damage to car part(s)

This solution improved image validation & hence, fraud detection by comparing submitted claims with actual images, fast-tracking claims processing.



*Talk to us*

BRIDGEi2i delivers faster time to value and more accurate decisions

Learn how

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