

INTELLIGENT VEHICLE DAMAGE ASSESSMENT AND COST ESTIMATOR FOR INSURANCE COMPANIES

LITERATURE SURVEY

The Purpose of this chapter is to review the previous of Researchers on intelligent vehicle damage assessment and cost estimator for insurance companies Artificial Intelligence This chapter will present the main recent works on analyzing and classifying the intensity of natural disasters have gained significant attention in the current decade.

Jeffrey [8] found out a way how to focus on the impact of certain hyper-parameters and exploring theory to adapt them. In the same way, the learning strategy of training the model with k- epoch and evaluating its performance can get the best learner parameters when the validation performance converging towards the right expected values. Li Ying & Dorai Chitra, presented the CNN Model for the auto insurance claims process, improvements in the First Notice of Loss and rapidity in the investigation and evaluation of claims could drive significant values by reducing loss adjustment expense. Phyu Mar Kyu and Kuntpong Woraratpanya they presented the sense of Artificial Intelligence (AI) based on machine learning and deep learning algorithms which can help to solve the problem for insurance industries for damage analysis. Najmeddine Dhieb, Hakim Ghazzai, Hichem Besbes, and Yehia Massoud they presented automated and efficient deep learning-based architectures for vehicle damage detection and localization.

References

Jeffrey de Deijn. 2018. Automatic Car Damage Recognition using Convolutional Neural Networks. (2018).

Li, Ying & Dorai, Chitra. (2007). Applying Image Analysis to Auto Insurance Triage: A Novel Application. 280 - 283. 10.1109/MMSP.2007.4412872.

Kyu, Phyu & Woraratpanya, Kuntpong. (2020). Car Damage Detection and Classification. 1- 6. 10.1145/3406601.3406651.

Najmeddine Dhieb, Hakim Ghazzai, Hichem Besbes, and Yehia Massoud. 2019. A very deep transfer learning model for vehicle damage detection and localization. In 2019 31st International Conference on Microelectronics (ICM). IEEE, 158–161.