LITERATURE SURVEY

INTELLIGENT VEHICLE DAMAGE ASSESSMENT & COST ESTIMATIONFOR INSURANCE COMPANIES

Date:	10 OCTOBER 2022
Team ID:	PNT2022TMID08394
Project Name:	Intelligent vehicle damage assessment & cost estimate for insurance companies
MaximumMark:	4 marks

LITERATURE SURVEY

S.No	Author	Project title	year	Abstract	Journal
1.	Kundjanasith Thonglek, Norawit urailert prasert,patchara pathiyathanee,chanta na chantrapornchai	Vehicle part damage analysis platform for auto insurance application.	2021	An automatic vehicle damage detection platform car insurance. In this Paper, we present a damage vehicles part detection platform, called intelligent	D.A.Ferrucci IBM journal of Research and Development.

2.	Girish N,Mohammed Ageel,Arshad	Car Damage Detection using Machine learning.	2021	Using images taken at the site of an accient can save time and money when filling insurance claims as well as provide more convenience for drivers. Artificial intelligence (AL) in the sense of machine learning and deep learning algorithms can assists in solving problems.	Internation journal of advanced research in computer and communication engineering
3.	Jose pedro lobo,Marinho Trocado Moreira	Automatic vehicle Damage detection with image	2017	Both computer vision and machine learning.the task of visually classifying an object consists in assigning an object to a category, or set of categories the object belongs.	Faculdade De Engenharia Da Universidade porto

4.	Nguyen,Bao	Image recognition In auto damage claim process	2020	Through interest in applicable technology in business and desire to close the gap between business and technical view.the author attempted to take image recognition and insurance as a combination.	Bachelor of business administration
5.	Martin Eling, Davide Nuessle,julian staubli.	The impact of artificial intelligence along the insurance value chain and on the insurability of risks.	2021	We present future research directions,from both the academic and practitioner pointsof views. The result illustrate the both cost efficiencies and new revenue streams.to loss prediction and prevention.	Journal of economic behavior &organization.
6.	Weizhang,yuan cheng,xin guo,Qingpe guo,jian wang, ringwang,clan jiang,mang wang furong xu,wei chu	Automatic car damage assessment system:Readi ng and undertaking videos as professional insurance inspectors.	2020	The system uploads video streams Captured by mobile devices, recognizes car damages on the cloud asynchronously and then returns damaged components and repair cost to users	The thirty-fourth AAAI Conference on artificial intelligence.

7.	Zhu Qianqian,Guo Weiming, Shen Ying and Zhao Zihao	Research on Intelligent Vehicle Damage Assessment System Based on Computer Vision	2020	The demand of automobile insurance claims and intelligent transportation, combined with abundant basic data and advanced machine vision algorithm, an intelligent damage determination system of 'Artificial Intelligence Vehicle Insurance' is constructed.	Journal of Physics: Conference Series
8.	Phyu Mar Kyu,Kuntpong Woraratpanya	Car Damage Assessment Based on VGG Models	2021	we apply deep learning-based algorithms, VGG16 and VGG19, for car damage detection and assessment in real world datasets. The algorithms detect thedamaged part ofa car, assess its location and severity.	National Information Technology Conference
9.	Aniket Gupta , Jitesh Chogale, Shashank Shrivastav, Prof. Rupali Nikhare	Automatic Car Insurance using Image Analysis	2020	The systems of these kinds are used to identify the damage of a vehicle once an accident happens by the driver and also by the insurance company to detect and determine a suitable amountas per damage and vehicle rental companies to inform about the damage of a vehicle to the customer. The core technique here is object recognition.	Internationa l Research Journalof Engineering and Technology (IRJET)

10.	Vaibhav Agarwal, Utsav Khandelwal, Shivam Kumar, Raja Kumar, Shilpa M	Damage Assessment of a vehicle and Insurance Reclaim.	2021	By 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.	INTERNATIONAL JOURNAL OF CREATIVE

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