|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| TITLE | AUTHOR | YEAR | DESCRIPTION | ADVANTAGES | DISADVANTAGES | METHODOLOGY |
| The use of telematics data in vehicle insurance | * K.Korishchenko * I. Stankevich * N. Pilnik * D. Petrova | 2019 | This paper introduces an approach to telematic devices data application in automotive insurance. we conduct a comparative analysis of different types of devices that collect information on vehicle utilization and driving style of its driver | Better Customer Service, Improved Risk Management,  Incresed Client Base. | It is easy to track the user because of sending privacy information to the system.  Installing telematics is expensive | Telematics data such as GNSS positioning and communicate via server (GSM/GPRS) |
| we can use well-organized deep knowledge-based constructions for detecting, localizing, and classification  vehicle damage using enhanced Mask R-CNN method which integrates deep learning, instance segmentation. | * Jihab qaddour * Syeda Ayesha siddiqa | 2022 | This paper shows deep learning algorithms have been utilized to clarify such issues, mitigate their pessimistic implications, and automate this process to save time and money. In this context, we offer brutalize as well as well-organized deep knowledge-based constructions for detecting, localizing, and classification vehicle damage using enhanced Mask R-CNN method | Quickly accessing claims, verifying documents, enhancing customer experience and detecting fraud | Incapable of multitasking , hardware dependence, deep learning models will perform well when their complexity is appropriate to complexity of the data. | We get attainable databases from damaged automobile vehicles. focus on augmentation of data to enlarge synthetically and alter the data set to relax its tolerance and improve its performance to the problem of overfitting at the time of training as we already work with a limited set of data. |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |