

Credit Card Fraud Detection using Image Processing System

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Abstract: In recent year credit card become one of the essential parts of the people sudden increase in E-commerce customer, started using credit card for online purchasing therefor for Risk of fraud also increases. Instead of carrying a huge amount in hand. It is easier to keep credit cards. But now a days that to become on safe now a days we are facing a big problem on credit card fraud, which in increasing in a good percentage. The main purpose is the survey on the various method applied to detect credit card frauds from the abnormality in the transaction. The fraudulent one is identified. We address these issues in order to implement some machine learning algorithm, like random forest Logistic regression in order to detect this kind of fraud in this paper. We increase the efficiency in finding the fraud how where we discussed and evaluated employee criteria currently the issues of credit card fraud detection have become a big problem from new researches. We implement and intelligent algorithm, which will detect all kind of fraud in a credit card transaction. We handle the problem by finding a pattern of each customer in between fraud and legal transaction isolation forest algorithm and local outlier factor are used to predict the pattern of transaction for each customer and a decision is made according to them in order to prevent data from miss matching all attributes are marked equally.

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