

Fraud Detection in Online Market Transactions

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Abstract: *E-Commerce transaction process involves multiple entities at different stages such as market place, merchants, payment gateways, financial institutes. Each of them can act as a vulnerability or attack point for Malicious acts. This makes online marketing systems adapt to high-level security and data handling technology solutions like machine learning, deep learning and predictive analytics which are efficient enough to deal with highly sensitive data, predict frauds and unwanted behavioral patterns in this data. Predictive analytics with machine learning is good fraud detection system helps to identify the fraud transaction accurately and should make the detection possible in real time transactions. The techniques have been used to detect whether a transaction is fraudulent or not.*

Keywords: Machine Learning algorithms, Libraries, User Interface, Jupyter Notebook

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