Editorial

Prevention and detection of computer aided frauds

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A R T I C L E   I N F O

Society is vulnerable to various kinds of crimes from organised to unorganised crimes, but nowadays computer fraud by using else's computer to access personal information with the intention of using it with deceitful motive. The purpose of this editorial note is to address the issue of computer aided frauds and its prevention with its detection on time.

Fraud can be seen in its various forms; it continuously evolves and its fraudulent use to exploit vulnerabilities in the system to fulfil unwanted desires of human behaviour. Landscapes of frauds involves identity theft, payment fraud, cyberattack, and many more. The methods used by fraudsters are steadily being sophisticated and elusive. Computer Fraud is defined as any deception or embezzlement accomplished by tampering with computer programs, data files, operations, equipment, or media which result in financial losses to the organisation whose computer system has been manipulated.

Fraud is not a coincident occurrence or the one that only happens in specific companies. While the exact losses due to fraud is complex to determine because of undetected frauds, one study reports that most organisation lose between 0.5 to 2.0 percent of their revenues to the fraudulent acts committed by employees, vendors, and others.

To anatomize and analyse the computer edit fraud for its prevention and detection, it is necessary to understand all the activities of offender/criminals done on computer by process of data analysis test. The best method of defence against vulnerable computer fraud is systematic data analysis and there are being continuous ongoing efforts to examine possible computer fraud exposures.

Prevention technique should be effectively established by data analysis test method applying the various detection techniques. It is only possible with the coordinative and collaborative working of law enforcement agencies, investigating agencies, forensic scientists and by taking corrective measures and legal procedures for implementation of correct policies to stop computer fraud.

Conflict of Interest

None.

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