WEB MINING TO CONTROL CYBER CRIME WITH USER

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Abstract: Cybercrime indicates violation by computer. The criminal offenses have been increasing since the '80s. Today social media has taken the form of extended clone of www media networking. Despite having cyber security; even the crimes related to social media are not controlled. How can we control the growing cybercrime due to networking, I will elaborate through web mining. Web mining is a successful tool to stop e-crime. If we collect unstructured data through content mining and the use of usage mining can prevent media violence and delinquency.

Scope of Future Research

There is following future of web crime control mining:

a.   Controlled Filtering mine.
b.   Automated Investigations.
c.   Crack the location of hacker.
d.   Social media networking identification.
e.   Crime control mapping.

Research Outcomes for Government

The government continues to keep socially aware. Still, social media attraction implicates everyone. Web crime control mining tool will be beneficial for clues as:

a.   Reports of all criminals will be collected.
b.   The government will have the IP addresses of hackers.
c.   It will find out which websites are used by hackers.
d.   The government will get the idea to apply a new criminal act.

Introduction

As science and technology are increasing, the crime related to computer networking is continuously increasing. Humans are getting engulfed in this cyber world. Virtual hacking and cracking have eliminated privacy. The growing attraction towards social media has greatly increased e-crime. How to stop illegal activities? This has become a big issue. Cybercrime began to spread with the use of email before the '90s and later the stability of the web browser. With the advent of social media in 2000, the holocaust of e-crime came. Today social media has taken the form of virtual social media networking. By targeting social media apps and websites such as Twitter, Instagram, Facebook, LinkedIn, Google+, Pinterest, Tumbler, Telegram, Meetup, Reddit, Tapebook, Snapchat, Tiktok, Wechat, Youtube, Viber, Line, Tinder, Whisper, Sina Weibo, etc. , hackers take advantage of account holders by knowing all the personal information. Websites related to cybercrime are available all over the world. By using these web documents and extricate useful information from them, it can be controlled on crime.

There are three ways to get proper knowledge of e-crime and to control it from www.

- Web Content Crime Mining
- Web Structure Crime Mining
- Web Usage Crime Mining

Web Content Crime Mining is used to detect text, graphs, image, video, audio, metadata, and hyperlinks of social networks.

Web Structure Crime Mining is a means of obtaining information that discovers the structure of web documents. Hyperlink analysis of these intra-pages and inter-pages helps prevent cybercrime.

Web Usage Crime Mining is the deepest mining. It proves successful in detecting all kinds of tricks of hackers. It extracts all the log information of the operating system and other software resides on the server. This knowledge cracks the crime.

Review of Literature

Anshu Sharma, Shilpa Sharma (2012)

The authors have examined the data mining techniques to analyze data. They construct the attributes and relations from web documents which is further useful in web mining. This paper uses clustering algorithm for web crime detection.

Abdelhakim Herrouz, Chabane Khentout, Mahieddine (2013)
The authors have concluded different web mining tools. They have made comparative study of tools. This shows the reduced overload and depth of searching.
B. Umamaheswari, Dr. P. Nithya, Nair Sarika Chandran(2016)
This paper elaborates the deal with detecting the crime. Crime analysis plays a major role in it. Authors tell about the vision of mining. Web mining prohibits the crime and commits toward the safety.
Neeraj Kandpal, Ripu Ranjan Sinha, M. S. Shekhawat (2017)
The authors describe web usage mining. This paper has very important role to fight against terrorism, fraud detection and criminal activities. They explain the process, applications and tools of mining.

Material and Methods
Web mining helps to find evidence that is almost impossible for us. It has an important contribution to finding hidden secrets. The development of a web crime mining tool gives success in controlling crime.
First of all, we will collect the data of web documents related to e-crime. The criminal executes crime with the help of the internet and computer as a tool. We will do the preprocessing of that fraudulent data.
 We will create a web tool to get the hyperlink structures of frauds, internet pornography, illegal issues, false advertising, violations of privacy, forgery, network gambling, etc, and the record of log file saved on the server. ASP.NET, C#, and SQL Server will be used as a tool.

Result
Where there is the internet, there will also be an online crime and where there is e-crime there will also be e-control. Crime will be controlled by extracting online data through the tool. This tool will implement the following things:
a.   Will prevent cyber suicide.
b.   Violent gangs will be detected.
c.   The evidence of a third party will be easy to get.
d.   We will be able to collect all the verified information.
e.   It will bind to all to have strong passwords.

Conclusion
After social media, controlling e-crime has become an essential requirement of life. Due to the growing phase of the Internet and the increasing trend towards social media, it has become very important to control crime. The web tool will store all online data and detect crime patterns. Thus web log files will provide the key to stop crime.

Correlation with Ancient History
If we turn at the pages of history by turning, then it seems that when the beginning of history is considered. Historians gave the form of inscriptions, monuments, graffiti, and sculptures to mythology, ethnology, and text. This evidences show that Jain history is older than quadrillion years. In present Tirthankaras, Shri Rishabh Devji is considered to be the first Tirthankara of Jain History. His age is said to be 8,400,000 Purva or (8,400,000 * 8,400,000) years. And the time of the 24th Tirthankara Sri Mahavir Swamiji is considered to be between the 6th to the 4th century BCE. Similarly, the time of the remaining 22 Tirthankaras was also in purva in different BCE. All Tirthankaras preached vows of Ahimsa (non-violence), Satya (truth), Asteya (non-stealing), Brahmacharya (chastity), and Aparigraha (non-attachment) in that ancient period to reduce crime. Slowly some people followed these messages and some opposed. Due to the protest, crime has increased as it is today. But following 5 Sanmargas taught by Tirthankaras, we can control e-crime.

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