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Abstract:

[033] The present invention discloses a data mining system for monitoring and reporting for a change in a real-time data. The system includes, but not limited to, one processing unit provided with an attacker detection and data changing module in a data resource in a cloud network by monitoring user searches and updating; a binary generation of the entered data through a binary tree generator for detecting any illegitimate change by any node present in the cloud network; and a display unit with interface to warn the users and all nodes and terminal on recognizing any wrong or illegitimate data updation and entry. Accompanied Drawing [FIG. 1]

Complete Specification

Claims:1.   A data mining system for monitoring and reporting for a change in a real-time data, comprising:
one or more processing unit provided with an attacker detection and data changing module in a data resource in a cloud network by monitoring user searches and updating;
a binary tree generation of the entered data through a binary tree generator for detecting any illegitimate change by any node present in the cloud network; and
a display unit with a user interface to warn the users and all nodes and terminal on recognizing any wrong or illegitimate data updation and entry.
2.   The system as claimed in claim 1, wherein the processing unit further analyse real-time data by generating a binary tree of real-time data values, and further expanding the real-time data, for one or more data resources, monitoring a specific data source selected from the one or more data sources and report the server, changes found in the real-time data.
3.   The system as claimed in claim 1, wherein the binary tree generator is configured to generate the number of keywords in the formatted strings for the top level content data and the linked content data to the swarming depth when there is a change in the number of keyword matches in the top level content data for providing keyword counts to the processing unit.
4.   The system as claimed in claim 1, wherein all data values and instructions captured data in dependence upon the execution of a recorded script are stored in a network, which is communicatively coupled with an online database unit.
5.   The system as claimed in claim 1, wherein a real-time communication module is connected with the processing unit for establishing a user authenticated communication channel based data extraction from the monitoring data resource.

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