(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2023

(21) Application No.202311057793 A

(43) Publication Date : 29/09/2023

(54) Title of the invention : DETECTION OF ANOMALOUS ADMINISTRATIVE ACTIONS

(51) International classification :G06N0020000000, G06F0011340000, G06F0021550000, G06N0005040000, A61F0013150000	(71)**Name of Applicant :**
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(86) International Application No :NA Filing Date :NA	
(87) International Publication No : NA	
(61) Patent of Addition to Application Number :NA Filing Date :NA	
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :
The present invention discloses a system (100) for the detection of anomalous administrative actions within an organization's administrative systems. The system leverages advanced machine learning algorithms and anomaly detection techniques to continuously monitor and analyze administrative activities. A data collection unit (100) gathers relevant data from various administrative sources, while a pattern learning and modeling component (200) establishes behavior models for different administrative tasks. The anomaly detection unit (300) compares ongoing actions to the established models in real-time, considering contextual information to minimize false positives. Upon detecting anomalies, the system generates real-time alerts and responses (400) to prompt investigation and mitigative actions. A continuous improvement component (500) refines the behavior models based on feedback, ensuring accuracy and effectiveness over time. The system offers enhanced security and timely response to safeguard organizational assets.

No. of Pages : 26 No. of Claims : 10