Title: Machine learning approach for analyzing security practice in electronic health records logs.

1. Introduction/Background
2. Why analyzing security practice is important
3. What are the various ways of analyzing security practice and one of them is the EHR logs
4. How the logs can be used to analyze security practice
5. -Focus on anomaly
6. Summary of previous works, for anomaly detection in EHR log
7. -Explain the disadvantage or difference of the previous work from our work
8. -eg based on our assumption that similar roles have similar activities in log
9. Related works
10. Method
11. Data simulation
12. How the logs was created
13. Justify why data simulation
14. -The setting used and explanation of that eg number of shifts, roles, healthcare setting adopted eg how staff interact with patients in Norway, Indonesia and Ghana
15. Our approach for anomaly detection
16. -role classification- how to do the role classification and the algorithms used
17. -algorithms used and justify

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Results

-Results of each of the methods

Discussion

-Discussion of results of each of the methods

Conclusions

-Summary of objective, methods, findings, relevance of our work