An Effective Technique to Identify Anomalous Accounts on Social Networks using Bloom Filter

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 164
Number 11

Year of Publication: 2017

Authors:
Sarbjeet Kaur, Prabhjot Kaur

Abstract

The anomaly detection is the technique which is applied to detect malicious activities from the social network data. The existing technique is based on to classify the Facebook accounts into three classes which are fake, genuine and moderate. To increase accuracy of account classification is increased when bloom filter is being applied in the algorithm. The bloom filter is the algorithm which learns from the previous experiences and drive new values. When the bloom filter is applied the accounts are classified into two classes. The simulation is being performed in MATLAB and it is being analyzed that accuracy is increased and execution time is reduced.

References

3. Anita Zakrzewska and David A. Bader, “A Dynamic Algorithm for Local Community Detection in Graphs”, 2015 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining
6. P. Kayalvizhi, C. AnoorSelvi, “Detecting Dynamic Topics in Social Network Using Citation based Anomaly Detection”, 2015, IEEE Sponsored 9th International Conference on Intelligent Systems and Control (ISCO)

Index Terms

Computer Science

Information Sciences

Keywords

Anomaly, Analysis, Classification.