Social Media Hate Speech has continued to grow both locally and globally due to the increase of Online Social Media web forums like Facebook, Twitter and blogging. This has been propelled even further by smartphones and mobile data penetration locally. Global and Local terrorism has posed a vital question for technologists to investigate, prosecute, predict and prevent Social Media Hate Speech.

This study provides a social media digital forensics tool through the design, development and implementation of a software application. The study will develop an application using Linux Apache MySQL PHP and Python. The application will use Scrapy Python page ranking algorithm to perform web crawling and the data will be placed in a MySQL database for data mining.

The application used Agile Software development methodology with twenty websites being the subject of interest. The websites will be the sample size to demonstrate how the application
works together with the Python libraries as the framework for web crawling. MySQL data
mining, database query application models will be used in performing the search of the lexicon
of keywords for hate speech, Inferences from the data mined from crawled web pages will be
drawn.

References

   Management, 6(1), 1-20.
   bill.
   Management. Volume 8, Issue 1
   pp. 122-124.
   Proceedings of the 5th IEEE International Conference on Intelligence and Security Informatics,
   Technical Conference (Vol. 41)
   and Data Warehousing. Pearson Education. pp. 121 ff. ISBN 9780321669544. "What is a
   self-organizing team?"
    Conferences on Web Intelligence (WI) and Intelligent Agent Technologies (IAT)-Volume 01 (pp.
    distributed web crawler. In Data Engineering, 2002. Proceedings. 18th International Conference
    on (pp. 357-368). IEEE.
    sentiment and socio-economic phenomena. ICWSM, 11, pp.450-453.

Index Terms

Computer Science Information Sciences

Keywords

Web Forums, Social Media, Linux Apache MySQL PHP Python (LAMP), Hate Speech, Opinion Mining, Digital Forensics.