

users were classified as real, possibly because fake accounts mimic real user behavior to elude detection mechanisms.

Detecting and blocking fake account is important for online communities for maintaining safe environments for its real users and as a responsibility considering their impact on society. Fake account detection system will help for reduction of time, fraud and human effort to identify privacy attack on social media. The system will help to filter any fake user that makes peoples of the local population indirectly or directly participate in the violent activities across the different region of the country.

1.7. Conclusion

Fake accounts are being continuously evolving in online social media. Therefore, it is very essential to invent new methods to detect Fake profiles in online social media. So the real time Facebook dataset were required to detect the fake accounts and vulgar images in Facebook. For the detection of Fake accounts the user timeline information namely post-count, comment-count, etc. were used and for the vulgar image detection the images from the user time line and the display picture of the users were taken out. The performance were evaluated using the supervised machine learning algorithms and the highest 80% accuracy were obtained and the maximum percentage of skin exposed were calculated from the images collected from the fake accounts. For the future scope, a more complex algorithm for the skin detection can be implemented. The natural language processing techniques can be implemented to detect fake accounts more accurately. The new features will be certainly introduced by the Facebook, and these features can also be included while analyzing the fake accounts. [1]



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