Abstract

In the field of information extraction and retrieval, binary classification is the process of classifying given document/account on the basis of predefined classes. Sockpuppet detection is based on binary, in which given accounts are detected either sockpuppet or non-sockpuppet. Sockpuppets has become significant issues, in which one can have fake identity for some specific purpose or malicious use. Text categorization is also performed with binary classification. This research synthesizes binary classification in which various approaches for binary classification are discussed.

References

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5. Sadia Afroz, Michael Brennan and Rachel Greenstadt, "Detecting Hoaxes Frauds and Deception in Writing Style Online". 2011.


**Index Terms**

Computer Science               Information Systems

**Keywords**

Sockpuppets, Non sockpuppets, multiple identity deception, text categorization, NB, SVM, Random Forest, Ensemble methods and Binary Classification