

# Detection of Malicious Social Boats Using Learning Automata with URL Feature

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**Abstract:** *Bots have made an impact on a variety of social media platforms. Twitter has been hit particularly hard, with bots accounting for a sizable amount of its user base. These bots have been used for nefarious purposes like distributing fake information about politicians and increasing celebrities' perceived popularity. These bots have the ability to alter the outcomes of standard social media analysis. Malicious social bots have also been employed to spread incorrect information (for example, emailing fraudulent urls), which can have real-world effects. To detect such hostile behaviors, the suggested systems employ machine learning methods such as Naive Bayes and RF.*

**Keywords:** Malicious Detection, Naive Bayes and Random Forest (RF), URL

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