**Abstract**

In today era modern infrastructures and technologies are more prone to various types of accesses. A method that is commonly used for launching these types of attack is popularly known as malware i.e. viruses, Trojan horses and worms, which, when propagate can cause a great damage to commercial companies, private users and governments. The another reason that enhance malware to infect and spread very rapidly is high-speed Internet connections as it has become more popular now a days, therefore it is very important to eradicate and detect new (benign) malware in a prompt manner. Hence in this work, proposing three data mining algorithms to produce new classifiers with separate features: RIPPER, Naïve Bayes and a Multi Classifier system along with hybrid of clustering techniques and the comparison between these methods to predict which provides better results.

**References**

Detection of Malicious Data using hybrid of Classification and Clustering Algorithms under Data Mining

- Dr. R. Geetha Ramani, Suresh Kumar. S , Shomona Gracia Jacob &quot;Rootkit (Malicious Code) Prediction through Data Mining Methods and Techniques&quot;, 978-1-4799-1597-2/13/$31.00 ©2013 IEEE.
- Guillermo Suarez-Tangle, &quot;Evolution, Detection and Analysis of Malware for Smart Devices&quot;; IEEE communications surveys & tutorials, accepted for publication, 2013, pp. 1-27.

Index Terms

Computer Science

Data Mining

Keywords

Malicious Code Detection; Data Mining; Computer Security; Prediction