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Recognizing phishing websites based on a b

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Abstract

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Phishing is a social engineering technique used to deceive users, which means tryir fidential information such as username, password or bank account information. important challenges on the Internet today is the risk of phishing attack and Internet attacks cost the United States billions of dollars a year. Therefore, researchers efforts to identify and combat such attacks. Accordingly, the present study aims methods of identifying phishing websites. This research is applied in terms of it descriptive-analytical in nature. In this article, the classification approach is used t ing websites. From a machine learning point of view, if a suitable strategy is use of votes of different classifiers can be used to increase the accuracy of classification proposed in this paper, three inherently different ensemble classifiers, called bagging rotation forest are employed. In this method, the stacked generalization strategy semble strategy. A relatively new dataset is employed to evaluate the performance method. The database was added to the UCI Database in 2015 and uses 30 feat to be appropriate for distinguishing phishing and non-phishing websites. The pr 10-fold-cross-validation method as an evaluation strategy. The numerical results i proposed method can be used as a promising method for detecting phishing webs mentioning that in this method, an F-score of 96.3 is resulted, which is a good re

Keywords: Phishing, Classification, Ensembling, Stacked generalization

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