Abstract

This paper mainly deals with various classification algorithms namely, Bayes. NaiveBayes, Bayes. BayesNet, Bayes. NaiveBayesUpdatable, J48, Randomforest, and Multi Layer Perceptron. It analyzes the hepatitis patients from the UC Irvine machine learning repository. The results of the classification model are accuracy and time. Finally, it concludes that the Naive Bayes performance is better than other classification techniques for hepatitis patients.

References

- Jiawei Han, Micheline Kamber, Data Mining Concepts and Techniques, Elsevier.
- M. S. Chen, J. hans, P. SYu, Data mining: A overview from a data base perspective, IEEE transaction on Knowledge and data engineering 8(6), pp. 866-883, 1996.
Analysis of Classification Algorithms Applied to Hepatitis Patients


Index Terms

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Keywords
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