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## Medical data mining with extended WEKA (Conference Paper)

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Abstract

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This paper presents a synthesis on the analysis of medical data through data mining techniques. Aspects regarding data mining tools are also mentioned. Certain aspects related to the use of the classification techniques in the medical field as well as the improvements that were performed on the user interface for the classification of data, in the data mining tool WEKA, are presented. The achieved modifications improve the prediction process. The extended application was tested on four medical datasets obtained from UCI Machine Learning Repository and the results were good. © 2012 IEEE.

Indexed keywords

Classification of data; Classification technique; Data mining techniques; Data-mining tools; Medical data; Medical data mining; Medical data sets; Medical fields; Prediction process; UCI machine learning repository

Engineering controlled terms: User interfaces

Engineering main heading: Data mining

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