

Health Care System for Lung Disease Classification using Modified Gini

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Abstract

Data mining is the process of analyzing data from different perspectives and summarizing it into useful information. Classification has been used for predicting medical diagnosis. Human experts in medical field are frequently in great demand. Health care system giving health information may help patient's symptom is serious or not. Computer based diagnostic systems play an increasingly important role in health care. This paper presents the classification of lung disease classification. Modified Gini algorithm is used to classify the lung diseases in the implementation of health care system. Health care system is implemented as a user friendly diagnosis system for the disease related to lung symptoms using expert system approach.