

A STUDY ON CLINICAL PREDICTION USING DATA MINING TECHNIQUES

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ABSTRACT

This paper can present an overview of the applications of data mining techniques, medical, research, and educational aspects of Clinical Predictions. In medical and health care areas, due to regulations and due to the availability of computers, a large amount of data is becoming available. On the one hand, practitioners are expected to use all this data in their work but, at the same time, such a large amount of data cannot be processed by humans in a short time to make diagnosis, prognosis and treatment schedules. A major objective of this paper is to evaluate data mining techniques in clinical and health care applications to develop accurate decisions. The paper also provides a detailed discussion of medical data mining techniques can improve various aspects of Clinical Predictions.

KEYWORDS: Decision Making, Medical Records, Data Mining, Decision Tree, Naive Baye, Association Rule, Outpatient Clinic