Rafia Islam

ID#15103272

Data Mining Technique On Kidney Disease

**ABSTRACT**

Data mining extracts information from a data set and transforms it into an understandable structure. This process analyzes dependencies or association to obtain more accurate prediction results. Different data mining techniques like classification and association determine the risk classes, predicting the condition of patients encountered with different types of diseases. This paper has been classified some kidney disease patients with classification algorithms like Naïve Bayes, Decision tree and tried to find the most appropriate algorithm to determine the risk class of kidney disease patients in terms of some sample data. It aims at finding solutions to diagnose the disease by analyzing the patterns found in the data through classification analysis by employing Decision Tree and Naïve Bayes algorithms. The research hopes to propose a quicker and more efficient technique of diagnosing the disease, leading to timely treatment of the patients.