

Disease Prediction using Data Mining with Artificial Intelligence Methods

Introduction:

Due to the increasing technological advances in all fields, a considerable amount of data has been collected to be processed for different purposes. Data mining and AI are the process of determining and analyzing hidden information from different perspectives to obtain useful knowledge

Data mining and Artificial Intelligence methods are used for a variety of applications. In healthcare industry, data mining and Artificial Techniques are playing a vital role in predicting diseases. For detecting a disease number of tests should be required from the patient. But using data mining technique the number of tests can be reduced. This reduced test plays an important role in time and performance. This process has become an increasingly insidious activity in all areas of medical science research. Data mining and AI have resulted in the discovery of useful hidden patterns from huge databases.

Problem Statement:

This research analyzes data mining techniques and AI methods which can be used for predicting different types of diseases. This research review the research papers which mainly concentrate on predicting heart disease, Diabetes and Breast cancer etc....Some of the research works are done in this side, but all of them are focusing on a few methods of analysis, diagnosis or prediction of this disease by using different tools and techniques.

Conclusion:

Using AI methods and data mining techniques can predict not only some specified diseases but also focusing on all the diseases with accurate results within the particular period of time