Abstraction

Neuro fuzzy is a method that used to classify data using neuro fuzzy model based on the given data. By using advantage of Fuzzy method dan Neural network method, this method can train the data and also fuzzy aturans to classify the given data

The purpose of this final assigment is to analyze and implement neuro fuzzy classification method to classify heart disease data.this research analyze the influence of the nefclass parameter used to classify heart disease data

This final assigment concluded that the NEFCLASS system is unable to classify heart disease dataset, the best performance of this system is obtained by using best aturan per class evaluation and learning rate value 0.0001 by 47.72% for data testing. The reason of this failure is the lack of data train, too much attribute and class to classify, and mixed dataset(numeric and categorical)

Keywords: Classification, neuro-fuzzy, disease, heart