

Revision at last session

- Simulates the process of normal human reasoning

Fuzzy Logic

Genetic algorithm

case reasoning

none

shortness Fuzzy Logic Example r w

is a method that interprets the values in the input vector and, based on some set of rules, assigns values to the output vector

Fuzzy Logic

Genetic algorithm

case reasoning

fuzzy inference

Tipping application example of

Fuzzy Logic

Genetic algorithm

case reasoning

fuzzy inference

market basket analysis

Genetic algorithm

Case reasoning

Fuzzy inference

Association rule

- Operates in the background

Genetic algorithm

case reasoning

neural network

intelligent agents

- Mimics the biological process of evolution

Genetic algorithm

case based reasoning

neural network

intelligent agents

flexible use of knowledge is advantages of
case based reasoning
rule based reasoning
fuzzy logic
neural network

- Understand your end users (the customers) urgent success factor for
- Genetic algorithm
- case based reasoning
- neural network
- intelligent agents

expensive computation is cons. For

- Genetic algorithm
- case based reasoning
- neural network
- intelligent agents

compare between different machine learning techniques

Weather forecasting pattern of

- Association
- Prediction
- Cluster
- Sequential

does drug use leads to stealing?

- Association
 - Prediction
 - Cluster
 - Sequential
-
- Detecting fraudulent transactions application of
 - Genetic algorithm
 - Data mining
 - neural network
 - intelligent agents

Select the best splitting attribute process of

- Genetic algorithm
- Data mining
- Decision tree
- intelligent agents

There is not an output variable feature of

- classification
- Data mining
- Decision tree
- clustering

Decrease the size and complexity of problems for other data mining methods

- classification
- Data mining
- Decision tree
- clustering

k-Means famous algorithm for

- classification
- Data mining
- Decision tree
- clustering

process accomplishend in

axon

synapse

dendrites

none of them

inputs done through

axon

synapse

dendrites

none of them

process accomplishend in

axon

synapse

dendrites

soma

the most widely used supervised learning algorithm

Backpropagation

Feedforward

Self organizing

None of them

is a method for extracting the cause-and-effect relationships among the inputs and the outputs

Backpropagation

Feedforward

Self organizing

Sensitivity analysis

Speech recognition is popular app for

Backpropagation

Feedforward

SVM

SOM