>> DecisionTrees

Number of attributes

145

Number of sample records

1216

-------------------------------------------------------

TRIAL NUMBER: 1

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 2

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 3

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 4

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 5

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 6

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 7

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 8

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 9

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 10

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 11

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 12

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 13

Percentage of test cases correctly classified by ID3 decision tree = 99

TRIAL NUMBER: 14

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 15

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 16

Percentage of test cases correctly classified by ID3 decision tree = 99

TRIAL NUMBER: 17

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 18

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 19

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 20

Percentage of test cases correctly classified by ID3 decision tree = 100

Filename = test\_data3

Number of trials = 20

Training set size for each trial = 972

Testing set size for each trial = 244

Testing Accuracy of decision tree over all trials = 100

>>

>> DecisionTrees

Number of attributes

145

Number of sample records

19

-------------------------------------------------------

TRIAL NUMBER: 1

Percentage of test cases correctly classified by ID3 decision tree = 75

TRIAL NUMBER: 2

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 3

Percentage of test cases correctly classified by ID3 decision tree = 75

TRIAL NUMBER: 4

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 5

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 6

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 7

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 8

Percentage of test cases correctly classified by ID3 decision tree = 75

TRIAL NUMBER: 9

Percentage of test cases correctly classified by ID3 decision tree = 75

TRIAL NUMBER: 10

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 11

Percentage of test cases correctly classified by ID3 decision tree = 75

TRIAL NUMBER: 12

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 13

Percentage of test cases correctly classified by ID3 decision tree = 75

TRIAL NUMBER: 14

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 15

Percentage of test cases correctly classified by ID3 decision tree = 75

TRIAL NUMBER: 16

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 17

Percentage of test cases correctly classified by ID3 decision tree = 75

TRIAL NUMBER: 18

Percentage of test cases correctly classified by ID3 decision tree = 100

TRIAL NUMBER: 19

Percentage of test cases correctly classified by ID3 decision tree = 75

TRIAL NUMBER: 20

Percentage of test cases correctly classified by ID3 decision tree = 100

Filename = small\_test\_1

Number of trials = 20

Training set size for each trial = 15

Testing set size for each trial = 4

Testing Accuracy of decision tree over all trials = 89

>>