Title: Classification on data mining

Aim: Build the classification tree

Task: Predict the future values for class attribute

Predict the future values using classification tree

Exercises:

i.   Import the bank.arff file into weka

ii.   Explain the data set

Attribute	Description
id	a unique identification number
age	age of customer in years (numeric)
sex	MALE / FEMALE
region	inner_city/rural/suburban/town
income	income of customer (numeric)
married	is the customer married (YES/NO)
children	number of children (numeric)
car	does the customer own a car (YES/NO)
save_acct	does the customer have a saving account (YES/NO)
current_acct	does the customer have a current account (YES/NO)
mortgage	does the customer have a mortgage (YES/NO)
pep	did the customer buy a PEP (Personal Equity Plan) after the last mailing (YES/NO)

iii.   Interpret the classifier interface

iv.   Explain the classifier run information output

v.   Construct the decision tree

vi.   Change the configuration as unpruned as TRUE

vii.   Explain the future value from the decision tree

viii. Set the supply test set

ix.   Predict the future values for class attribute