

HOMEWORK 1

Question 1: Create a model using CART Decision Tree from table A.

Table A: Customer Data Set

Customer	Income	Education	Job	Satisfaction
1	Normal	High school	Engineer	Yes
2	High	Primary school	Engineer	Yes
3	Low	Primary school	Manager	Yes
4	High	High school	Manager	Yes
5	Low	High school	Manager	Yes
6	High	University	Manager	Yes
7	Low	University	Manager	Yes
8	High	High school	Engineer	No
9	Low	High school	Engineer	No
10	High	University	Engineer	No
11	Low	University	Engineer	No

Question 2: What is the class label of X according to this model?

Customer	Income	Education	Job	Satisfaction
X	High	primary school	Manager	?