

Liberty store case exercise

Table-1

Attribute	Rule	Error	Total Error
City Size	Big→yes	1/3	3/12
	Mid→NO	1/5	
	Small→No	1/4	
Avg Income	High→yes	2/6	2/12
	Mid→No	0/5	
	Low→No	0/1	
Local Investment	Yes→NO	2/6	4/12
	NO→NO	2/6	
Lohas Awareness	High→yes	2/5	2/12
	Mid→NO	1/5	
	Low→NO	0/2	

From Table-1, I got two attributes with same number of total least error , one is Avg income , another one is LOHAS Awareness. I selected Avg income as it is more error free in its value level.

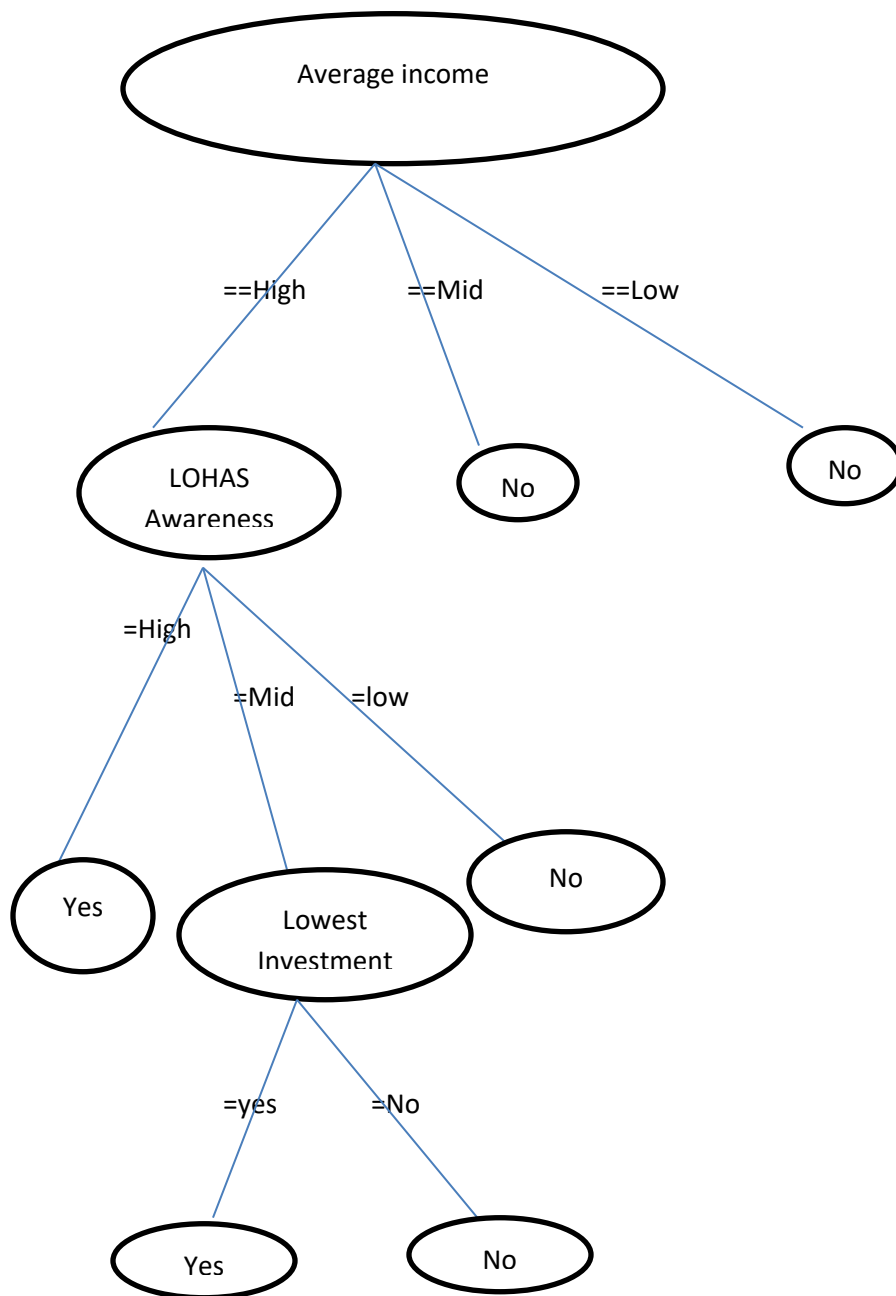
Table-2:

Attribute	Role	Error	Total_error
City Size	Big→yes	0/2	1/6
	Mid→NO	1/3	
	Small→yes	0/1	
Local Investment	Yes→yes	1/3	2/6
	No→yes	1/3	
LOHAS Awareness	High→yes	0/3	1/6
	Med→yes	1/2	
	Low→NO	0/1	

Above table-2, I am seeing number of least error attributes is LOHAS Awareness.

Table-3:

Attributes	Role	Error	Total Error
City-size	Med→yes	1/2	1/2
Local Investment	Yes→yes	0/1	0/2
	NO→No	0/1	



City Size	Avg Income	Local Investment	Lohas Awareness	Decesion
Med	Med	No	Med	No

