

MSBD5002: Data Mining and Knowledge Discovery (MicroMasters)

Exercise 4

Monothetic Approach

Q1 Monothetic Approach

There are the following four records with three binary attributes, namely A, B and C.

	A	B	C
1	1	1	0
2	1	1	0
3	1	0	1
4	0	0	1

Please use monothetic approach to perform hierarchical clustering over these records. If there is any tie for choosing the attributes, we choose the attributes in the order: A, B and C.

Draw the dendrogram (without specifying the distance metric).