

(1) What are techniques and application of data mining?

(2) A database has four transactions Let minimum-support =50% and minimum-confidence= 50%

i) Find all frequent item sets using Apriori algorithm.

ii) List strong association rules (with support S and Confidence C)

Transaction ID	Items Bought
2000	A,B,C
1000	A,C
4000	A,D
5000	B,E,F

(3) List and describe five primitives for specifying data mining task.

(4) Define classification. Explain k-nearest neighbour classification algorithm?

(5) Explain Web mining. Explain web content mining with reference to Crawlers, Harvest system, Virtual web view and personalization?