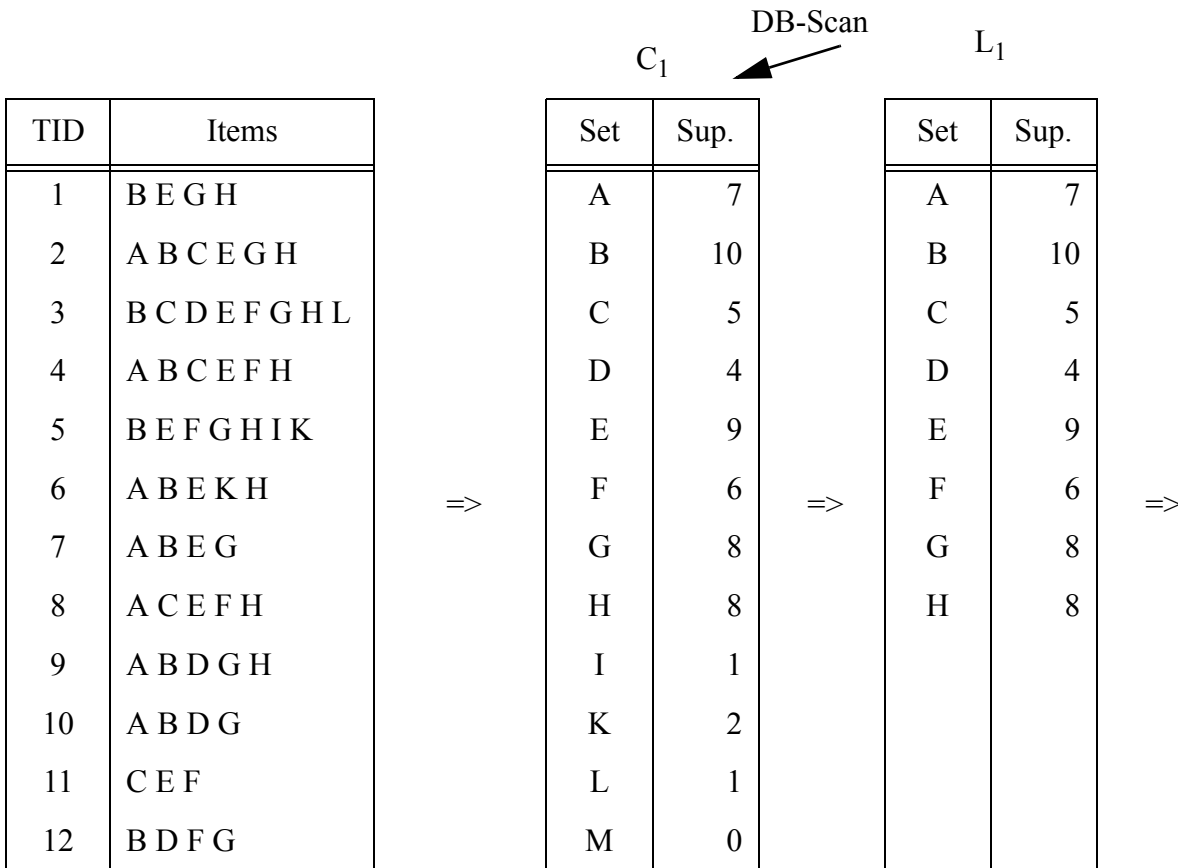


Lösung zum Blatt 10 der Vorlesung KDD im WS 06/07

Aufgabe 3

Min Sup = 30% \equiv 4 Tids

DB:



DB-Scan

C₂ join/prune

AB	6
AC	3
AD	2
AE	5
AF	2
AG	4
AH	5
BC	3
BD	4
BE	7
BF	4
BG	8
BH	7
CD	1
CE	5
CF	4
CG	2
CH	4
DE	1
DF	2
DG	4
DH	2

EF	5
EG	5
EH	7
FG	3
FH	4
GH	5

L₂

Set	Sup.
AB	6
AE	5
AG	4
AH	5
BD	4
BE	7
BF	4
BG	8
BH	7
CE	5
CF	4
CH	4
DG	4
EF	5
EG	5
EH	7
FH	4
GH	5

=>

=>

=>

C₃ join

set		
ABE	BFG	P
ABG	BFH	
ABH	BGH	
AEG	CEF	
AEH	CEH	
AGH	CFH	
BDE	EFG	P
BDF	EFH	
BDG	EGH	
BDH		
BEF		
BEG		
BEH		

=>

C₃ pruned

set	sup.
ABE	4
ABG	4
ABH	4
AEG	2
AEH	4
AGH	2
BDG	4
BEF	3
BEG	5
BEH	6
BFH	3
BGH	5
CEF	4
CEH	4
CFH	3
EFH	4
EGH	4

=>

DB-Scan

L₃

Set	sup.
ABE	4
ABG	4
ABH	4
AEH	4
BDG	4
BEG	5
BEH	6
BGH	5
CEF	4
CEH	4
EFH	4
EGH	4

=>

C₄ join

set	
ABEG	P
ABEH	
ABGH	P
BEGH	
CEFH	P

=>

C₄ pruned

set	sup.
ABEH	3
BEGH	4

=>

DB-Scan

L₄

Set	sup.
BEGH	4