

min supp. = 3

(2)

TID

Items

1

Bread, Milk

2

Bread, Diaper, Beer, Eggs

3

Milk, Diaper, Beer, Cola

4

Milk, Diaper, Beer, cola

5

Bread, Milk, Diaper, cola

↓ scan D

C1

Items	Min. Supp
{Bread}	3
{Diaper}	4
{Beer}	3
X {Eggs}	1
{Cola}	3
{Milk}	4

L1

Items	Min. Supp
{Bread}	3
{Diaper}	4
{Beer}	3
{Cola}	3
{Milk}	4

Scan D

C2

Items	Min. Supp
X {Bread, Diaper}	2
X {Bread, Beer}	1
X {Bread, Cola}	1
X {Bread, Milk}	2
{Diaper, Beer}	3
{Diaper, Cola}	3
{Diaper, Milk}	3
X {Beer, Cola}	2
X {Beer, Milk}	2
{Cola, Milk}	3

L3

Items	Min. Supp.
{Diaper, Cola, Milk}	3



C3

Items	Min. Supp.
{Diaper, Beer, Cola}	X
{Diaper, Beer, Milk}	2 X
{Diaper, Cola, Milk}	3

L2



Items	Min. Supp
{Diaper, Beer}	3
{Diaper, Cola}	3
{Diaper, Milk}	3
{Cola, Milk}	3

Scan D

→ Rule Generation

Association Rule	Support	Configuration	Configuration (%)
Diaper → Cola ^ Milk	3	$\frac{3}{4} = 0.75$	75%
Cola → Diaper ^ Milk	3	$\frac{3}{3} = 1$	100%
Milk → Diaper ^ Cola	3	$\frac{3}{4} = 0.75$	75%
Diaper ^ Cola → Milk	3	$\frac{3}{3} = 1$	100%
Diaper ^ Milk → Cola	3	$\frac{3}{3} = 1$	100%
Cola ^ Milk → Diaper	3	$\frac{3}{3} = 1$	100%