

$$\min \text{sup} = 2$$

$$\min \text{conf} = 2 \Rightarrow 50\%$$

T ₁	A B
T ₂	A C D
T ₃	B E
T ₄	E F
T ₅	A B C F

C ₁	itemset	sup
	{A}	3
	{B}	3
	{C}	2
	{D}	1
	{E}	2
	{F}	2

F ₁	item set	sup
	{A}	3
	{B}	3
	{C}	2
	{E}	2
	{F}	2

F ₂	itemset	sup
	{A,B}	2
	{A,C}	2

Stop

C ₂	item set	sup
	{A,B}	2
	{A,C}	2
	{A,E}	0
	{A,F}	1
	{B,C}	1
	{B,E}	1
	{B,F}	1
	{C,E}	0
	{C,F}	1
	{E,F}	1

C ₂	item set
	{A,B}
	{A,C}
	{A,E}
	{A,F}
	{B,C}
	{B,E}
	{B,F}
	{C,E}
	{C,F}
	{E,F}

$$F_1 = \{A\}, \{B\}, \{C\}, \{E\}, \{F\}$$

$$F_2 = \{A,B\}, \{A,C\}$$

Rules:

$$A \rightarrow B \quad (40\%, 67\%)$$

$$B \rightarrow A \quad (40\%, 67\%)$$

$$A \rightarrow C \quad (40\%, 67\%)$$

$$C \rightarrow A \quad (40\%, 100\%)$$

