[.0] Support threshold: 0.4 7 buckets $\Rightarrow Support = [0.4 \times 7] = [28] = 3$ $\Rightarrow Frequent item(s): Support > 3$

ID	Baskets	Pase I	Counters in Memory
$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	a,b,c,e a,d,b	I. a. b. c.e	a:1 b:1 c:1 e:1
3 4	c,b a,b,d,e	2. o. d. b	a:2 b:2 c:1 d:1 e:1
5 6	b,d a,b	3. C. b	0:2 b:3 C:2 d:1 e:1
7	a	4. O.b.d.o.	a:3 b:4 c:2 d:2 e:2
		5. b. d	01:3 b.5 C.2 d:3 e:2
		6. a. b	01:4 b:4 C:2 d:3 e:2
		7. a.	0:5 b.6. C.2 d.3 0:2
		· Frequent items with	coordinality 1: {a}, {b} {d}

ID 1	Baskets a,b,c,e	Pass 2. Frequent items: a.b.d
3	a,d,b c,b	Counter in Memory
$\begin{vmatrix} 4 \\ 5 \end{vmatrix}$	a,b,d,e b,d	1. a.b.c.e: ab:1
$\begin{vmatrix} 6 \\ 7 \end{vmatrix}$	a,b	z. a. d. b : ab; z ad: 1 bd: 1
		3. C.b ; None.
		4. a.b.d.e: ab; ≥ ad: ≥ bd: ≥
		S.b.d: ab; z ad; z bd; z
		6. αb: 4 ad: 2 bd: 3
		7. a : None
		i. Frequent items with coordinality ≥: fabg. fb.dg
		6. ab: 4 ad: 2 bol; 3 7. a: None

ID Baskets 1 a,b,c,e 2 a,d,b 3 c,b 4 a,b,d,e 5 b,d	1. o.b.c.e	requent items: {a,b}.{b,d}	(=> only fo.b.d g can be frequent)
6 a,b 7 a		; abd:1	
		; None	
		: a.b.d : 1	
		: None	
		7. a: None.	
So Frequent		1 . fa.) {b} {d}	
	Cardinality	z: fabg. fb.dg	
Support \$6} The And The It's enough to OII frequent in	answer with the	{ b. d} : 3	We flot and floods are
l. ()	threshold = 0.32 i.e	C Support of frequent items >	[6×0,33] = >
	Pose 1.	Counters for items	Counters for buckets
ID Baskets	() 1. 3. 4	1: 1 3:1 4:1	B1: 2 B>: 1
$ \begin{vmatrix} 2 & 4.5 \\ 3 & 2.7 \end{vmatrix} $	2) 4, <u>5</u>	1:1 2:1 4:2 5:1	Bo: 1 B1: 2 B2:1
$\left[egin{array}{c c} 4 & 1,6 \\ 5 & 2,7 \\ 6 & 3 \end{array} \right]$	3) 2.7	[1] 2:1 3:1 4:2 5:1 7:1	Bo: 2 B1: 2 B2:
	4) 1.6	1:5 7:1 8:1 45 E:18:1)	:1 Bo:2 B1:3 B2:1
	۲) کا	1:2 2:1 4:2 5:1 6:1 7:	12 Bo:3 Bo:3 Ba:1

	Frequent items: \$1.3 \$23 \$33 \$43 \$77
D Baskets	Pass 2: Frequent Items: 1.2.3.4.7
$\begin{bmatrix} 1 & 1,3,4 \\ 2 & 4,5 \\ 3 & 2,7 \end{bmatrix}$	Counters for Buckets: Bo:3 Bo:3 Bz:1
1 1,6 5 2,7	⇒ Bo and B, are frequent buckets 132 is not
3	1. [.3. 4 ; $f_{C(-3)} = f_{C(3)}(4) = 1$ \Rightarrow Counterc : (1.3):1 (3.4):1
	$f_{C}(\psi) = \geq \Rightarrow N_0 + f_{eq}(\psi)$
	$\Sigma_1 = 4.5$: $\Gamma(4.5) = 0 \Rightarrow Counters: (1.3):1 (3.4):1 (4.5):1$
	3. 3.7 : $f(3.7) = 0 \implies Counters: (1.3):1 (3.4):1 (4.5):1 (2.7)$
	$4.1.6: f(1.6) = 1 \Rightarrow Counters: (1.3):1 (3.4):1 (4.5):1 (2.7):1$
	(1.6) :1
	5.27 : $f(27) = 0 \Rightarrow Counters: (13):1 (34):1 (45):1 (27):1$
	C1.6) = 1
	C_0 , Frequent items with cardinolity $Z: \{ \geq, 7 \}$
Frequ	ent items: {1.} {>} {>} {34 } {47} }