Sun Mon Tue Wed Thu Fri Sat

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•		APPION	2						
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	Q_{l}	(a) Items	et sup	mineup	port=3				Value
	<u> </u>	Δ	6	Zala zala	A , B			A, E	4
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			3		•	2		B,D D,E	3
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		ABU	action of the land						
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		BUNG	-				3002024		
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Sun Mon Tue Wed Thu Fri Sat

FP - Growth

	Item frequency head	TID	ordered
	E 9		Company and the Company of the Compa
	D 8	2	Description of Architecture By
	A 6	3	A C
	F \$5	ч	EF
	ВЧ	5	English Committee and Towns and Towns are a committee and the
	C 3	Ь	EB
		7	Emergine and an array America
	F-List	8	EAF
	E-D-A-F-B-C	of	EDA
		10	EA
		11	Description
		12	The second secon
		13	Design Francisco
		14	EDC
1			

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FP-tree

D: 4,

(A:1)

(E:9)

(A:1) (B:1) (F:2)

(A:Z) (B:1) (D:MY)(F:1)

(B:1) (F:1) (B:1)

E

E: 84

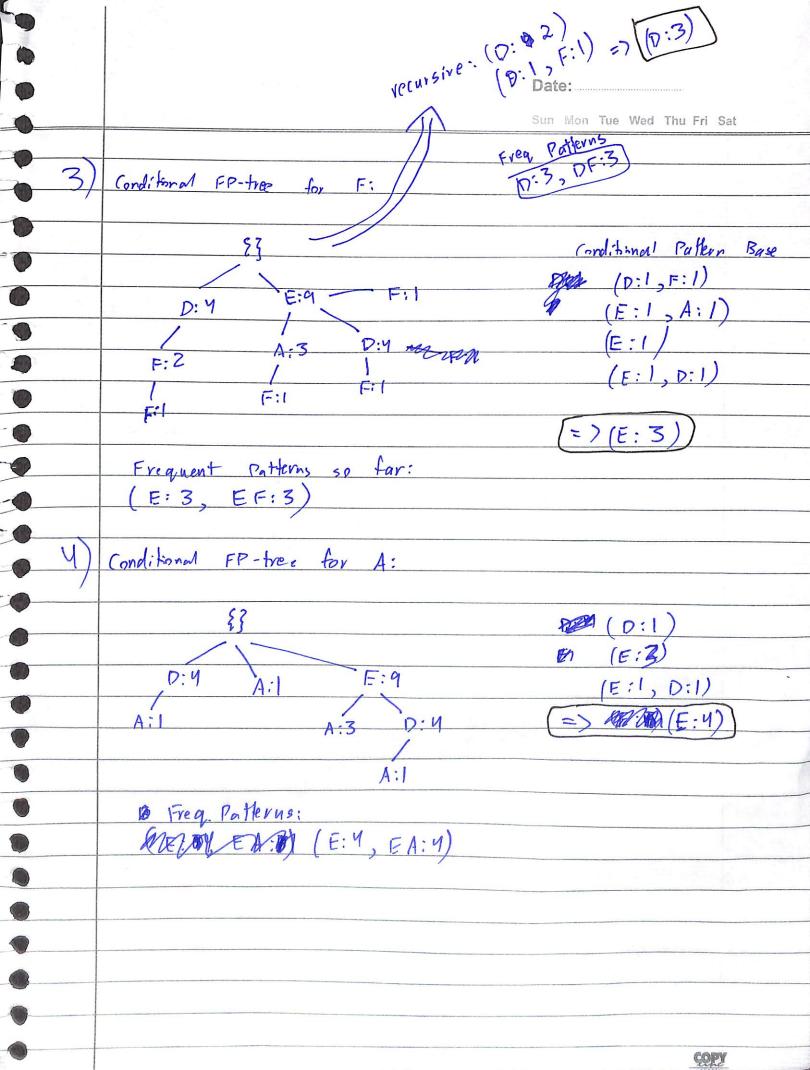
D: VI, F:3, DE:1

E:1, D:2, AE:1, DE:1 FD:1, D:1, AD:1, E:1 A:1, DE:1, FDE:1

Date: Sun Mon Tue Wed

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		our mon rue wed inu Fri Sat
	Min support=3	
	9 8 6 5 W 3	
	F-list: E-D-A-F-B-C	
		
	Conditional Putters base for C:	
	A:1, ED:1, EDF:1	
		,
)	Conditional FP-tree for C:	
	{ }	
		(A:1,C:1)
	A: E:	(E:90 D:4 F:1 (:1)
	1	(E: 9, D: 4, C:1)
	C:1	
	F21	Conditional Patern Base
	1	(A:1)
	C:	(E: 1, D: 1, F:1)
)	<u> </u>	(E: (, D: ())
	D:4 F:9	None fulfill min support
	F:2	
4	A: B: B:	(D: 4, A:1, B:1)
	B:1	(D:4, B:1)
	B: 1	(P:4, F:2, B:1)
	Frequent Patterns so favi)	(E:9, B:1)
	(0:3, Ban DB:3)	
		Conditional Pattern Base
		(p:1, A:1), (p:1, f:1) = > (p:3)
		(D.) (F- COPY



Sun Mon Tue Wed Thu Fri Sat

$$Sup(E) = 9$$

$$Sup(A) = 4 = 66.6\%. Strong$$

$$Sup(A) = 6$$

DF

$$sup(DVF) = 3 = 37.5\%$$

 $sup(D) = 8$

	Apriori sara ma Mara Themsets:
4	Date:
	Sun Mon Tue Wed Thu Fri Sat
	Day Ma
(c)	Closed and Max Itemsets:
(5)	
-2	Closed Itemsets Max Itemsets
	SA3 = 6
	-5B} - 4
	$\{C_3 = 3 => Max$
	ξP = 8
	$\{l=\}=0$
	{F} = 5
	SDB3 = 3 => Max
7	$\{EF\} = 3 = 2 Max$
	$\{EA\}=Y=>Max$
	{DE} = 4 => Max
	(DF) = 3 => Max
	(VI) = D / VIII/
(d)	Min Confidenc= 60%
(01)	Total (g) powers of 7.
1)	[DB]: [D] -> [B] = sup (D UB) = 3 = 37.5%
	Sup (D)
	{B} > {D} = sup (BUD) = 3 = 75% Strong
	1 5 L3 Sup(B) 4
	SELLE MENOR : JEBY DESTRICE
2)	EF sup (EVF) = 3 = 33,3%.
<u> </u>	sup(E) 9
	SUP (F UE) 3 = 60% <1
	sup(FUE) = 3 = 60%. Strong
	Not strong if F= 6 COPY
	7 1 > 0

Sun Mon Tue Wed Thu Fri Sat

Q6.14 (a) support = 2000 = 0.4 = 40% > 25%.

confidence = 2000 - 0.67 = 66.7% > 50%

Hence, association rule is strong,

(b) Correlation: Lift coefficient = P(AUB)

P(A)P(B)

lift (hotdog, hamburger) = P (holdog U hunburger)

P(hotdog) x P(hamburger)

0.4

P(hotdog) = 2500 = 0.5

0.5×0.6

- 1.33 > 1.00

P(hamburger) = 0.6

1-lence, the correlation is positive and purchase

of holdags is not independent

of perchase of hamburgers