Doda Mining & Web Algorithm.

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Tut-2.

Patil Amit 19104004 Bli

- O.1. a) Binary, Qualitative, Nominal.
 b) Continuous, Qualitative, Ratio
 - c) Discrete, Quartitative, Ordinal.
 - d) Continuous, Qualitative, ratio.
 - e) Discrete, Qualitative, Ordinal.
 - 1) Continuous, Quantitative, Ratio.
 2) Discrete, Quantitative, Ratio.
 - h) Discrete, Qualitative, Nomin a
 - i) Discrete, Qualitatine, Ordinal.
 - O.2. Manhattan (L.)

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-	L,	A	B	C	D	E	F	
	A	•						
	В	20	0					
-	C	63	53	0				
	D	77	57	56	0			
	E	98	88	35	31	0		

$$d(B_1A) = |54-49| + |24-9| = 20$$

$$d(A_1A_1) = |69-28| + |51-9| = 63$$

$$d(C_1B) = |28 - 54| + |51 - 24| = 53$$

 $d(D_1A) = |54 - 45| + |81 - 9| = 77$

-	
	d (D,B) = 154-54)+ 81-24)=57
	d(E1A)= 123-49 + 191-9 1=98
	d(FiB) = 23-54 + 81-24 = 88
	d (F, ()=1+23-281+181-511=35
	1(FID) = 123-54)+181-811=31
	d (F,A)= 132-43) + 186 = 911 - 01
	d(F,B)=132-54 + 186-24 1-181
	d(F,C) = 32-28 + 36-8+1 = 9
	d(F,D) = 132-54 + 56-21 = 27
	d(F,F)= 32-231+ 56-86 =9

Eaclidian (L.):

_	1 2 2										
	L2	*	A	CB	10	10	E	FH			
	A	C	٥	1.2		1		, l , w	and a		
	B	1	and the second	0		1			1		
	C				6				1 2/34		
	P	1		Ĭ* .	3	00	;				
	F			, , , , , , , , , , , , , , , , , , ,	1	W /	0				
	F	Ĉ.		. j		1		0			
							4.1				

$$d(B_1A) = (5^2 + 15^2)^{1/2}$$

$$d(C_1A) = (21^2 + 42^2)^{1/2}$$

$$d(C_1B) = (26^2 + 27^2)^{1/2}$$

$$d(D_1B) = (5^2 + 72^2)^{1/2}$$

$$d(O_1B) = (57^2)^{1/2}$$

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		1/2		1	A STATE OF THE STA	
	d(D10)= (-262+	302).		1		
	d(D,A) = (-0.62+	7 22) 1/2	* *	-	b)	
	1600) 21/2024	7,2) 1/2	value of the second		•	
	d(F,B)= -(313	2+5A2 / /				
	d(F1) = (52+	302)//2				
	d(ED) = (312.	+ 0) 1/2	* *			
	d(EA) = (172	4772)	1			
	$d(F,B) = (22^2)$ $d(F,C) = (22^2)$	+ 622)	12 -		0.7.	
	d(F,() = (222	2 + 52 51/3			<u> </u>	
	d(BO) = (222+52)					
	d(F,E) = (92	+0) 1/2.			Ь	
		ni ni				
	DOC 1	DOC2	DOCS	DOC 4		
	Clothes	30 4	0 .1	1		
	breasts	0	D A	0		
_						

0.3,		DOC 1	Doc2	DOCS	DOC 4
	Clothes	0	100 1	0	1 -
	breasts		0	O A	0
	home	\$ 3 5	19	1 3	1
	in	•	0 1	2	- 1
	increase	0,	0	9	0
	July				2
	July New sales		0	0	2
	sales	0		0	1
	TOP			1 1 3 6 1	1
		1,	~ ^ O ~	10	0
0 0 1	_ 1 1	9 0 1			

O. G. a) Sorted array.

1, 5, 12, 16, 18, 20, 23, 25, 28, 83, 35, 42median = 20+23 = 21.5

Date ____ Page No.____ $0_1 = 12+16 = 14$ $0_3 = 28+33 = 30.5.$ B) Sorted Array. 1,5,12,16, 18,20, 22,13,25,28,35 median = 2e 01=14 03=30.5 Q.7.a) n=50 $E_{x}=607--+78=3746$ mean = 3746 50 b) Modes = { 70, 72,79 3 This get in trimodal. DOC 4 0 0 2 2 0 40