Pg-1

Name: Shetty Prateck Satish

USN- IROIGMEA02

Course code: 18MCA343

Temp	Frequency	Table
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80

	1 C(x)		1 li	Likelihood	
Temp	Yes	No	P(Yes)	p(No)	
Hot	1	2	1/4	2/2	
Mild	2	0	2/4	0	
1004	1	0	1/4	-	
Total	4	2			

	C	(x)	i live	lihood
Humidity	Yes	No	P(ves)	PINO
High	2	2	2)4	2/2
Normal	2	0	2/4	0
Total	4	2		

1 1.	[C.	x)	Likell	wool
lating lating	Yes	1 No	Pive)	pento)
Week	3	1	3/4	1/2
Strong	1	1	1/4	1/2
Total	+	2		
10	Y	2012 10/a/a	1	

1

CC	(x)	P(Yes) P(A
Yes	14	14/6
No	2	2/6
Total	6	

Monne Thethy Thatest Satist 0-3 USA! IRDIAMICADO Classify (cool, high , weak) Courte Code LEMPA 34 3 c= coot, ha high, w= weak (1x) » Ves no Y/4 P(V) c n n n w) = P(c/V)*P(h/V)*P(w/V) * P(V)/. P(c) * P(h) * \$P(w) · 1/4 * 2/4 * 3/4 * 4/6 = \$ 247 = 16 - 0.0625 P(n | cnhnw) = p(x/y) * P(h/n) * P(w/n) * P(y)

P(n|cnhnw) = P(x/y) * P(h|n) * P(w|n) * P(y) = p(c) * P(n) * P(w) = 0 * 1 * 1/2 * 2/6

 $P((cx) = P(c(x)) \neq P(c(x)) + P(c(cx))$ $= \frac{0.0625}{0.0625}$

Conclusion shows that Probability of Yes is 100%.

Name: Shetty Krateck Swhish P9-3 USN: IRDIAMCADZ 0.2 Course code: 18 MCA 34 3 Clarrify (mild, weak Classify (mild, normal, weak) In = mild, N= normal, we weak C(x)= Yes | no = Y | n P(Y | m n N n w) = P(m/y) * P(N/y) * P(w/y) * P(y) P(m) * P(N) * P(W) = 2/4 * 2/4 * 3/4 * 4/6 $= \frac{483}{16 \times 4 \times 62} = \frac{1}{32} = 0.3125$ P(H)mn Nnw)= P(m/n) * P(N/n) * P(w/n) * P(n) = 0 # 0 * 3/y * 2/6 P(((x)) = P(((x)) / P(((x)) + P(!((&(x)))) 0.3125 = 10+0-3125 Conclusion ghows that probability of yours 100%.