Mid

3: Naive Bayes 1-

	the state of the s					
56	Outlook	Temp	Etilament	Wind	Play Tennis	
1	Sunny -	Hot	High	Weak	No	
2	Sunhy -	Hot	High	Strong	10	
3	Overcost	Hot	High	Weak	Yes	
4	Rain	Mild	High	Weak	yes	
5	Rain	Cool	Lenvol	Week	yes	
6	Rain	Cool	Normal	stoor	No	
7	Overcost	Cool	Normal	Stoons	Yes	
8	Sunny _	Miled	High	Weak	No	
9	Suny -	Cool	Nomal	Weak	Yes	
0	Rain	Mild	Remou	Weak	P (Yes)	

P(No) = T(P. Tennis) = 9

P(NO) = 4 => (P(NO) = 0.44

P(Yes) = 5 P(Yes) = 0.55

	Outlook	Yes	No		
	Sunny	1/9	3/9	4	
	Rain	2/9	1/9	3	
-	Overcast	2/9	. 0	2	
				9	

Temp Yes No.	2
- Hot 1/9 2/9 3	Jan
- Cool 3/9 1/9 (4)	
+ Mila 1/9 1/9 2	
9	

	Humidity	Yes	No		and the second s	
-	High	2/9	3/9		5	
-	Normal	3/9	1/9	1 40	4	-
- 6	3		j Árai si fi s		٩	

Wind	Yes	No		
Weak	4/9	2/9	6	
Strong	1/9	2/9	3	
		en des mantines des estre de la distribution de des entre est autorité d'inflation de la distribution de la	q	

Formulg 1-

VNB (NO) = P(NO) . P(R/NO) . P(M/NO) ... P(N/NO). P(W/NO) 11 = (0.44). (1/9). (1/9). (2/9). (1/9) UNB (NO) = 1.3412 Normalise. of UNB (Yes) P UNB (Yes) UNB (Yes) + UNB (NO) 2.0118 2.0118+1.3412 UNB (Yes) = 0.6 (NO) Nomalize of UNR = UNB (NO) UNB (NO) + VMB (Yes) 1.3412 1.3412+2.0118 UNB(NO) = 0.4 ,02 UNB (Yes) > UNB (NO (0.6) Now, the Target is 0.6 Yes