Day	Outlook	Temperatu	ı Humidity	Wind	PlayTennis	Column1	Column2
D1	Sunny	Hot	High	Weak	No	PlayTennis	<b>S</b>
D2	Sunny	Hot	High	Strong	No	no	5/9+5
D6	Rain	Cool	Normal	Strong	No	yes	9/5+9
D8	Sunny	Mild	High	Weak	No		
D14	Rain	Mild	High	Strong	No		
D3	Overcast	Hot	High	Weak	Yes	Humidity	yes
D4	Rain	Mild	High	Weak	Yes	Normal	0.333333
D5	Rain	Cool	Normal	Weak	Yes	High	0.333333
D7	Overcast	Cool	Normal	Strong	Yes		
D9	Sunny	Cool	Normal	Weak	Yes		
D10	Rain	Mild	Normal	Weak	Yes		
D11	Sunny	Mild	Normal	Strong	Yes		
D12	Overcast	Mild	High	Strong	Yes		
D13	Overcast	Hot	Normal	Weak	Yes		

P(yes|Sunnay,cool,High,Strong) = P(yes)\*p(Sunny|Yes) \*

P(no|Sunnay,cool,High,Strong) = P(no)\*p(Sunny|no) \* P(cool)\*p(Sunny|no) \* P(cool)\*p(Su

Column3	outlook	yes no		Temperat	tu yes no	
	Sunny	0.22222	0.6	Hot	0.22	0.4
0.357143	Overcast	0.44444	0	Mild	0.444444	0.4
0.642857	Rain	0.33	0.4	Cool	0.333333	0.2
no	Wind	yes no				
0.2	Weak	0.666667	0.4			
0.8	Strong	0.333333	0.6			

P(cool|yes) \* P(High|Yes) \* P(Strong|Yes) 0.005291

cool|no) \* P(High|no) \* P(Strong|no) 0.020571

P(play tennis) 0.204583 20%