

Data Bermain Tennis				
Outlook	Temperature	Humidity	Windy	Play
Sunny	Hot	High	No	Don't Play
Sunny	Hot	High	Yes	Don't Play
Cloudy	Hot	High	No	Play
Rainy	Mild	High	No	Play
Rainy	Cool	Normal	No	Play
Rainy	Cool	Normal	Yes	Play
Cloudy	Cool	Normal	Yes	Play
Sunny	Mild	High	No	Don't Play
Sunny	Cool	Normal	No	Play
Rainy	Mild	Normal	No	Play
Sunny	Mild	Normal	Yes	Play
Cloudy	Mild	High	Yes	Play
Cloudy	Hot	Normal	No	Play
Rainy	Cool	High	Yes	Don't Play

		Total Kasus	No(S1)	Yes(S2)	Probs(NO)	Probs(Yes)	Entropy	Gain
Total		14	4	10	0.285714286	0.714285714	0.863120569	
Outlook								0.258521
	Cloudy	4	0	4	0	1	0	
	Rainy	5	1	4	0.2	0.8	0.721928095	
	Sunny	5	3	2	0.6	0.4	0.970950594	
Temp								0.1838509
	Cool	4	0	4	0	1	0	
	Hot	4	2	2	0.5	0.5	1	
	Mild	6	2	4	0.333333333	0.666666667	0.918295834	
Humidity								0.3705065
	High	7	4	3	0.571428571	0.428571429	0.985228136	
	Normal	7	0	7	0	1	0	
Windy								0.0059777
	No	8	2	6	0.25	0.75	0.811278124	
	Yes	6	2	4	0.333333333	0.666666667	0.918295834	

Entropy Untuk yang cloudy tidak ada karena log2(0) tidak terdefinisi => diganti dengan 0

		Total Kasus	No(S1)	Yes(S2)	Probs(NO)	Probs(Yes)	Entropy	Gain
Humidity High		7	4	10	0.571428571	0.428571429	0.985228136	
Outlook								0.6995139
	Cloudy	2	0	2	0	1	0	
	Rainy	2	1	1	0.5	0.5	1	
	Sunny	3	3	0	1	0	0	
Temp								0.0202442
	Cool	0	0	0	#DIV/0!	#DIV/0!	0	
	Hot	3	2	1	0.666666667	0.333333333	0.918295834	
	Mild	4	2	2	0.5	0.5	1	
Windy								0.0202442
	No	4	2	2	0.5	0.5	1	
	Yes	3	2	1	0.666666667	0.333333333	0.918295834	

		Total Kasus	No(S1)	Yes(S2)	Probs(NO)	Probs(Yes)	Entropy	Gain
Humandity High and Outlook Rainy		2	1	1	0.5	0.5	1	
Temp								0
	Cool	0	0	0	#DIV/0!	#DIV/0!	0	
	Hot	0	0	0	#DIV/0!	#DIV/0!	0.918295834	
	Mild	2	1	1	0.5	0.5	1	
Windy								1
	No	1	0	1	0	1	0	
	Yes	1	1	0	1	0	0	