Nama : Haidar Pratama Rozin

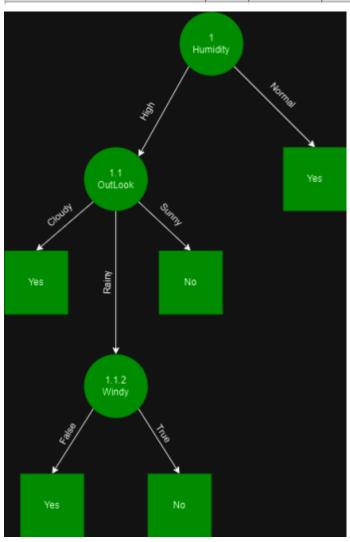
Nim : A11.2022.14273

Kelompok : A11.4509

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	Mild	High	Yes	Don't Play

		JmlKasus(S)	Tidak Main(S1)	Ya(S2)	Entropy	Gain
Total		14	4	10	0,863120569	
Outlook						0,258521037
	Cloudy	4	0	4	0	
	Rainy	5	1	4	0,699721832	
	Sunny	5	3	2	0,993156857	
Тетр						0,183850925
	Cool	4	0	4	0	
	Hot	4	2	2	1	
	Mild	6	2	4	0,918295834	
Humidity						0,370506501
	High	7	4	3	0,985228136	
	Normal	7	0	7	0	
Windy						0,005977711
	TIDAK	8	2	6	0,811278125	
	YA	6	2	4	0,918295834	

Perhitungan Node 1.1						
		Jml Kasus	Tidak(S1)	Ya(S2)	Entropy	Gain
Humidity High		7	4	3	0,985228136	
Outlook						0,6995138
	Cloudy	2	0	2	0	
	Rainy	2	1	1	1	
	Sunny	3	3	0	0	
Тетр						0,0202442
	Cool	0	0	0	0	
	Hot	3	2	1	0,918295834	
	Mild	4	2	2	1	
Windy						0,0202442
	No	4	2	2	1	
	Yes	3	2	1	0,918295834	
Perhitungan Node 1.1.2						
		Jml Kasus	Tidak(S1)	Ya(S2)	Entropy	Gain
Humadity High and Outlook Rainly		2	1	1	1	
Тетр						0
	Cool	0	0	0	0	
	Hot	0	0	0	0	
	Mild	2	1	1	1	
						1
Windy						
Windy	No	1	0	1	0	



Jika kelembapan (humidity) normal, maka bermain tenis. Jika kelembapan tinggi, maka keputusan bermain tenis tergantung pada cuaca (outlook). Jika cuaca mendung (cloudy), maka bermain tenis. Jika cuaca cerah (sunny), maka tidak bermain. Jika cuaca hujan (rainy), maka keputusan bermain tenis tergantung pada kondisi angin (windy). Jika tidak ada angin, maka bermain tenis. Jika ada angin, maka tidak bermain.