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NIM : A11.2022.14086

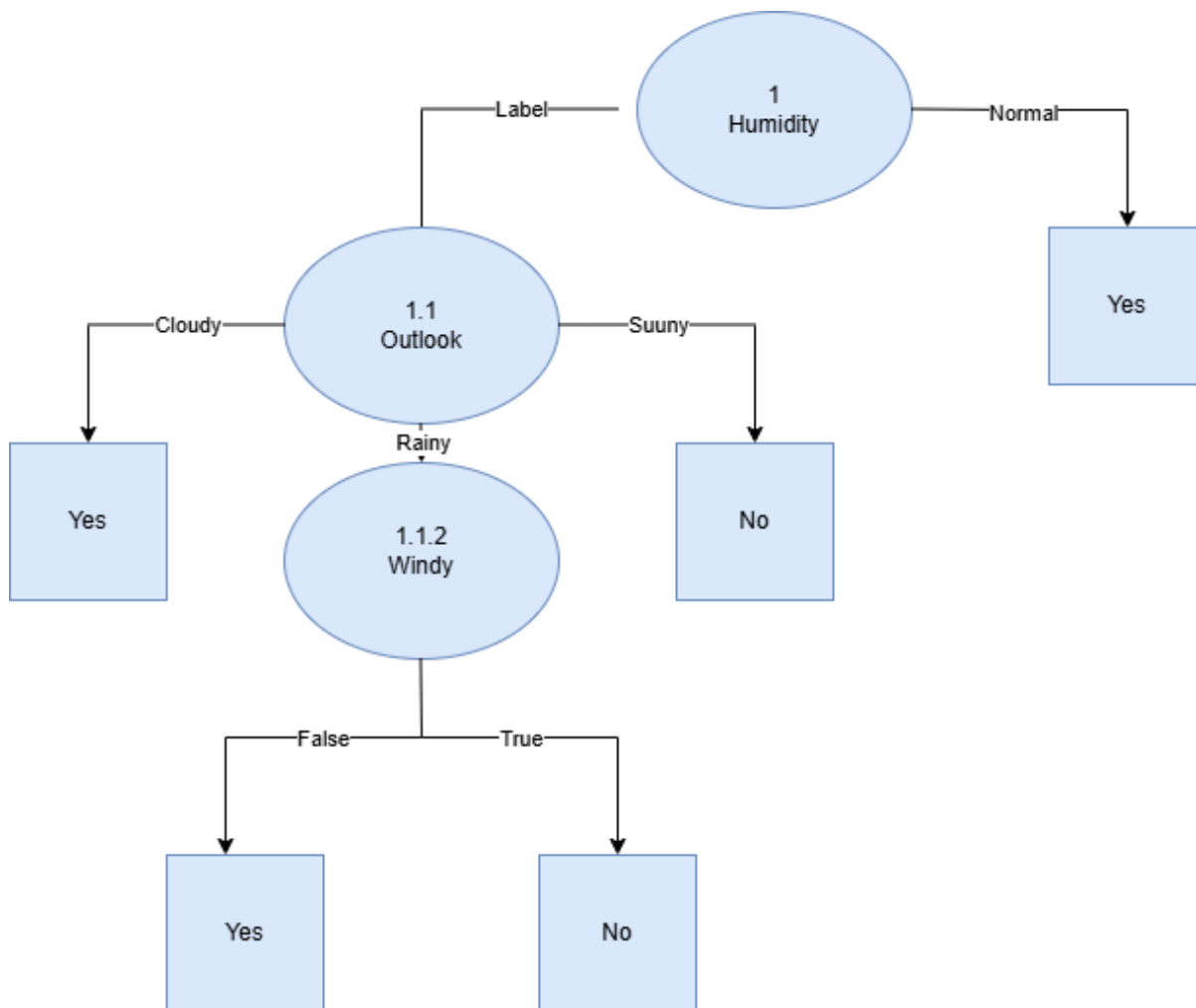
Kelompok : A11.4509

OUTLOOK	TEMPERATURES	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)	TidakMain(S1)	Ya(S2)	Entropy	Gain
Total		14	4	10	0.863120569	
Outlook						0.25821037
	Cloudy	4	0	4	0	
	Rainy	5	1	4	0.699721832	
	Sunny	5	3	2	0.993156857	
Temp						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	0.811278124	
	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						0.69951385
	Cloudy	2	0	2	0	
	Rainy	2	1	1	1	
	Sunny	3	3	0	0	
Temp						0.020244207
	Cool	0	0	0	0	
	Hot	3	2	1	0.918295834	
	Mild	4	2	2	1	
Windy						0.020244207
	No	4	2	2	1	
	Yes	3	2	1	0.918295834	

Perhitungan Node 1.1.2						
		Jml Kasus	Tidak(S1)	Ya(S2)	Entropy	Gain
Humdacity High an Outlook Rainly		2	1	1	1	
Temp						0
	Cool	0	0	0	0	
	Hot	0	0	0	0	
	Mild	2	1	1	1	
Windy						1
	No	1	0	1	0	
	Yes	1	1	0	0	



Kesimpulan

Jika kelembapan (humidity) normal, maka bermain tenis. Jika kelembapan tinggi, maka keputusan bermain tenis bergantung 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 bergantung pada kondisi angin (windy). Jika tidak angin, maka bermain tenis, jika ada angin, maka tidak bermain tenis.