Weekend	Weather	Parents	Money	Decision
Wl	Sunny	Yes	Rich	Cinema
W2	Sunny	No	Rich	Tennis
W3	Windy	Yes	Rich	Cinema
W4	Rainy	Yes	Poor	Cinema
W5	Rainy	No	Rich	Stay In
W6	Rainy	Yes	Poor	Cinema
W7	Windy	No	Poor	Cinema
W8	Windy	No	Rich	Shopping
W9	Windy	Yes	Rich	Cinema
W10	Sunny	No	Rich	Tennis

GINI ALGORITMASI HAPTA SONU NE YAPALIM KARAR AGACI

* 4 multiemel Gilet Sonucumut var: Cinema, Tennis, Stay In, Shopping * Vers set 6 sinema, 2 tenis, 1 stay In, 1 shopping altioring salip. * Tablonun giktor: Gini (s) =1-[(6)2+(27)2+(10)2+(17)2]=0.58 Kök Düğüm IGin Gin Index Table For Weather - Gini Index = 0.416 For Parents - Gini Index = 0.36) For Money - Gini Index = 0.486 * Gini Indexi en dijile alkan Povents olduğu igin kökümüz Parents oldu Parents Rovents= Mes Parents = No Decision A dugini Money weekend weather Parents Decision = Cinema Tenis Rich Sunny Rainy Rich Stayth Windy Cinema Rich Windy Shopping W10 Rich * Parent= Yes olanlarin tümünün Kararı Cinema olduğundan burada bitti. Ağacınız Parents= No olanlardan devam ederek. Decision weekend Weather Money > A důgimi Data Set Rich Tennis WZ SUNNY StayIn WS Rainy Rich WZ Ginema Windy Poor Shapping Windy Rich Sunny W10 A O ÜğüMÜ Giri Index Table For Parett=No | Weather - Gini Index = 0.2) For Parett=No | Money - Gini Index = 0.5 * En kügük Gini Index'i Weather in olduğundan Adüğünümüt bu Stellikle devam edecek.

