Nama: 16ede Arengga Nabalita NM: 1203220108

Kelas: Kecerdasan boatan 1F02-03

Entropi

IPK	130	tidah 1	total	Entropi
Rendon	0	2	2	0
CUKUP	l	3	Ч	0.811
Tinogeri	2	2	4	1
Total	3	7	W	0.724

Entropi:

Entropi IPK.

TAK	139	fidade	to ten!	Entropi
rendah	D	2	r	0
college	l	2	4	0.65
bouk	2	D	2	.0
ltotal	3	7	ID	0.39

Entropi

- rendah: (-0/2 log2 0/2) + (-42 log2 42)

= 0

- comp: (-46 log2 1/6) + (-5/6 log2 76)

= 0.65

- baih: (-2/2 log2 42) + (-0/2 log2 6/2)

= 0

Entropi TAL:

Entropi TAL: UD = (40 × 0) + (40 × 0.65) + (40 · 0) = 0,39

Entropi Desision

(-3/10 log23/10)+ (-9/10 log2 9/10.) = 0.881

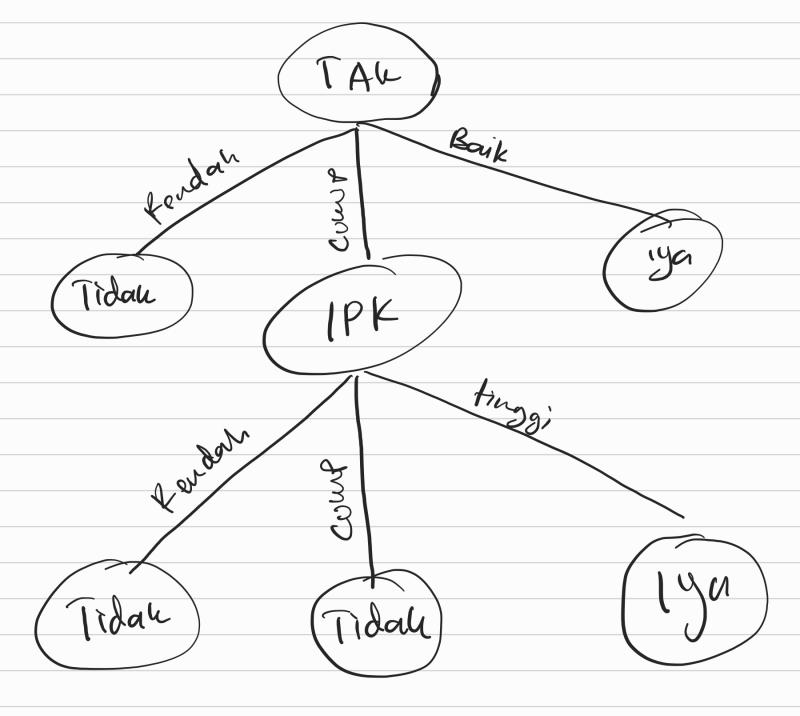
Information gain

$$E(desicion) - E(IPK)$$

 $16 = 0.881 - 0.724$
 $= 0.157$

Ecdesicion) - ECTAN)
16 = 0.881 - 0.39
= 0.491

Menjadikan TAK selaga voot.



jadi

ayo akan menjadi sulses sedomohan adi tidat.