3022110701
PENAMBANGANI DATA 5 Juni 2023
1) HHunglah' Secora manual information gain dari data
d' Samping
- Information gain (class: online course)
- Information gown (Class: Education background)
- Information gain (class: Work Status)
funich / course
Junich Goga : 7
H(Y) = - (8/15 10g 2 8/15) - (7/15 10g 2 7/15)
= - (0,6 10g, (0,6)) - (0,3 (0g, (0,3))
= 0,13 + 0,15
= 8,28
= 0,3/
H(N) = - (3/2 log 2 3/2) - (4/2 log 4/2)
= - (0,4 109, (0,4)) - (0,6 1092 (0,6))
= 6,16 + 0,13
= G, 29
= 0,3
4(5) = 8/15 (0,3) + 7/15 (0,3)
= 6,16 fo,14
= 0,3
- Edmention Background
funda gaga: 7 Total to H(S) = G13
man Hadal I

AMELIA. CONTEA. PUTAL. TANTJARO

- math

gagar: 3 > total 7

H(M) = - (4/2 10g 2 4/2) - (3/2 10g 3/2)

= - (0,6 log_(0.6)) - (0,4 log_(0,4))

= 0,13 +0,16

= 0,3

- CS

lulus : 4

gagai : 1)

4 (cs) = - (4/4 log 4/4)

= - (1 logi).

= 0

- Other

Wins = B

4s (EB) = 7/15(0,3) + 7/15(0) + 7/15(0)

= 6,14

- Work Status

H(s) = 0.3

- Hw

Wiss: 5 Jagar: 1

#(4w) = (5/6 cog 2 5/6) - (1/6 rog 2 1/6)

= 0,07 + 6,13

= Q2

TOTAL = 110 + 0 + 7 + 16 + 130 + 00 + 26 + 5 + 120

Abures 360/430 = 008/

-press: C2
produte bener Ca = 180
predits: benar $C_2 = 180$ Potar predits: $C_2 = 8 + 130 + 5 = 143$
130 - 6, a
press = > 130 = 6,9 // 143

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