Firman Mamana Syatani

With Menghitung Information Guin Secora Manual dari dat Yang dherhani
Information Gain (16) Mengulur Pengurangan betidolopastian tentang
Velas (CORS) Sifercia mengetahui atrbat (onlike Course, Education Backtound,
Working Status)

Larycon- conglian minghilling Information Goin.

1. (titung entrori lexent (class):

Entropi adaluh uturan lettidak pastian, Entropi la untuk Variali leelass

( pars/ Fall ) of at hung dengan fumus

It (ceciss) = - \frac{1}{12}P. log\_2 P.

- H(class) = - (7 60% ) + 15 6092 8)

H (class): - (0,007 6000,007 10. 0.533)

H((cass) = - (0.069 x - 1.090 + 0.533 \$ x -0.518)

H ((1055) = 0.983

0000

2. manghung entrope Gendisional dan Intermation Gain untur Stratas

Entropi untue (Y)

H (crassly) = - (= 6, = + 3 60, =)

b (dess/1)=-(0.571 log, 6.571 to. 929 boy, 0.909)

H (CASS 14)=0.985

Menggasunghan Seman:

Information gain

16=0.983-0.367-0.616

3. Intermation Gain (class, working Status)

- Working Status W

H = - (0,375 log 0.375 + 6.625 log 0.625)

4= 0.959

- Working Status : NW

H = -(6.571 to, 0, 571+ 0,929 loy, 0,929)

ti = 0.985

Mengga sunglian Simua

4- 0,969

Intermation gain

16-0.983-0.969: 0.019

CESIMPACAN

- INFORMATION GAIN ( CLASS; ONLINE (OURS): O. O.Iq
- Intermetion Gain (Cross; Education Backround: 0.616
- Information Gain (Class; Working Status): 0.019



O	•
W	14
4	

Aburas: Jumium predless Yang benar Total Jamian Predless

Total predust = 110+8+7+16+180+10 176+5+120 = 952

Praditi Yang Senar: 110 +180 +120 = 360

Ahuras 1 - 360 = 0.8337 (82.32 6)

Prosisi (c2) True positives untue (c)
True positive unine (24 faise Positives untue (2

faise postion unus le. 8 15 : 18

Presisi (c2) = 130 - 130 - 0.9091 (90,916)

Ringhasan:

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Augran Lesseumhan: 88,38 6 Presson unsuk beins: 90.91 8