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2 perbeduan supervised learning and uneuperised learning

	Supervised	ned unmpervised	
1.	data sudah dilabeli	Tulak memiliki Label	
2	untuk mempelajari pola	untuk mungelompokkan	

input output

data.

1.

ALC:	1	
	2,2	9
121 w?	4.0	
ď	2,1	
В	ok	
		ok

Burhkan menggunaran propononal logic bahwa aman 9 wom [2,17

Pada [1,1]

#OK 1,1 , 7W11, 1811, 7811, 7811, 7611 7 B1,1 ->7 P1,2 1 7 P2,1 ... 1) 7 S1,1 -> 7 W1,2 1 7 W41 -.. 2)

Mp 1) dan 18,1 781,1 ->781,2 A782,1

7 PIL A 7 FP 211 ... 5) And alimination .. 3)

7 91,2, 792,1 .. 4)

And introduction - 4) TP211, TP12 MP 2) dan 751,1

TRIN - TWUZ ATWIN

1 W112 A 7 W21 -. 5)

And thousation

~ W1,12 , TW2,1 ... 6)

And introduction ()

7 W2,1, 7 W112

Terapkan and production 7 N211 17/2,1 R Okz1 -> 7 Wz11 A 7 Pz,1 so that & E2,11 Aman.

- 3. Bans pengetahuan:
 - A musical instrument used by muncian only in applays
 - . The instruments can only be played by someme who is not tone deap
 - · Angela is a musician.

convert to FOL

. A instrument used by a musician only in a plays

FOL: Instrument (x) Mutician (y) played (yix)

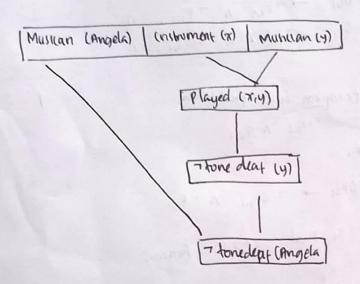
The instrument can only be played by someone who is now home deap

played (y,x) -> 7 tone-deap (y)

* Angela is Musician

Munuall Angela)

-- proof --.



$$P(M|S) = \frac{P(S|M) \cdot P(M)}{P(S)} = \frac{\frac{1}{2} \cdot \frac{1}{50000}}{\frac{1}{2} \cdot \frac{1}{10}} = \frac{1}{5000} = 0.0002$$

5. MB [wet Grass, spring klet A rain] = MB [wetbrass, syring klet] - MB [wet Grass, Rain] (1-int] wetGrass, spri]

1.0 = (2.0-1)(8.0)-(2.0) =

MO [wellerass, 5 M2] = MO (wet, 5] - MO (wet, 4) (1-MO) wet, 5) = 0.5 -0.2 (0.5) = 0.4

CF (wet, s AR] = MO[]-MB[] = 0.4-0.1 =0.3