All 2021 - 13425

M. Pinos - Padilla.

dapat Pert 3 Tugas sebelumnya

ID	Country	age	Salary	Purchased
1	France	44	72000	No
2	Spain	27	48.000	Yes
3	Germany	30	54.000	No
4	Spain	38	61000	No.
5	Germany	40	30.000	Yes
6	France.	35	58000	Yes
7	Spain	30	52000	No -
8	France	48	79000	Yes
9	Germany	50	83000	No
10	France	37	67000	yes
11	Indonesia	34	54000	Yes
12	France	30	2000	No.
13	Germany	65	34000	Yes
14	Brazil	55	40.000	No.
15	Belando	33	50.000	Yes
16	~~India~~ France	32	20.000	?

Step 1 (Yes)

Country	Purchased
France	?

1.) $P(Yes) = 8/15 = 0.53$

2.) $P(Country | Yes) = 3/8 = 0.375$
   (France)

3.) $P(Yes) = (Country | Yes) = $ ~~0.375 × 0~~

$= 0.375 × 0.53$

$= 0.708.$

Step 2 (No)

1.) $P(No) = 7/15 = 0.47$

2.) $P(France | No) = 2/7 = 0.28.$

3.) $P(No) = (France | No)$

$= 0.28 × 0.47$

$= 0.1316.$

$P(Purchased = Yes | country = France) = 0.708$

$P(Purchased = No | country = France) = 0.1316.$

karena $0.1316 > 0.708$ maka skor tertinggi memilih No
dengan demikian prediksi data dengan fitur country = France
akan menghasilkan No.