

P(ADB)

Probabilitates realization ev. A strind

eveniment de probabilitates li A conditional de B

sa realizat > AIB law este un eveniment

P(ADB)

P(AIB) = P(ANB)

Regula similtirii pt. orice A., Azi., Ane For PA, n Aen. nA

TP(A, OAz O. OAn) = P(A,) × P(Az (A,) × P(Az (A, OAz) × × × P(An (A, OAz O. OAn))

 $n=3 \quad \mathbb{P}(A_1 \cap A_2 \cap A_3) = \mathbb{P}(A_3 \mid A_1 \cap A_2) \cdot \mathbb{P}(A_1 \cap A_2)$ $= \mathbb{P}(A_3 \mid A_1 \cap A_2) \cdot \mathbb{P}(A_2 \mid A_1) \cdot \mathbb{P}(A_1)$

Forme probabilitation totale.

· Das Asi Bent 2 ev. cu probablis Be Qual.

P(A) = P(A(B). P(B) + P(A(B). P(B))

cu P(Bi) So, i \ 1,..., no store

TP(A) = ST P(B) + P(B)

Tombe his Bayes

File (2, File) un coup, AB eF air. M(A) so, MB) so

Aborci P(BIA) = P(DIB). MB) = P(AIB). PB)

P(AIB). PB)

P(AIB). PB)

Whi will dear B, Br, Br, Br eF one farreser operatifie pe C

Co P(Bi) soc ie (1, 11) atorai

P(AIB). PB;

P(AIB).

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