06 April 2022 08:05

recaliberale of info

Joint proba

JP:- redning

When you get evidence you recombinent pro

Bayer sheorem

Mr. Bayatian.

 $\frac{2}{26} = \frac{1}{6}$.

(ouditional proba! - p of king zireniti

80.7.

flight de by f

(ANB): fog.

flight info.

plight deaded.

. deloyed . -> grow.

26 1

on 'w 80%

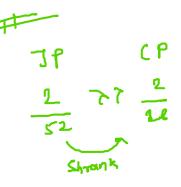
MUNIME

Coul. Cres.

im seeing for at aneposet.

(in and card)

CP



ex(1) Poob of live given its rea

en D probot flighteder given fog.

p(Hiputdelay giren fog) (High-delon | Fog) = (P(ANB)

y red cards. = 26 p(B) Fed wing = 2 p(AnB) JP = 2 = 52 -

P(A/B) = P(AnB)

p(A/A) < p(0) = p(A-nB) egn()

potential. $P(A|B) = P(B|A) \times P(A) \rightarrow Prior.$ $P(A|B) = P(B|A) \times P(A) \rightarrow P(A) \rightarrow Prior.$ $P(A|B) = P(B|A) \times P(A) \rightarrow P(A) \rightarrow P(A) \rightarrow P(A) \rightarrow P(A)$ $P(A|B) = P(B|A) \times P(A) \rightarrow P(A) \rightarrow P(A)$ $P(A|B) = P(B|A) \times P(A) \rightarrow P(A)$ $P(A|B) = P(B|A) \times P(B)$ $P(A|B) = P(B|A) \times P(B)$ P(A|B) = P(B

A=7 diabetic

20 100 150

p(A) => diabetic people.

PLB A) =7 condition for jiven dialetic

201. pros.

Quet flight is delayed given

P(ANB) 7 p(flight delay / Fog) = p(fog) flightedelay) x p(FD)
= 4 x 20
100

e9=05> cloub 0 = 05 > cloub

$$|-P(A|B) = |-P(B|A \times P(A))$$

$$= P(B) - P(B|A) \times P(A)$$

$$= P(B) - P(B|A) \times P(A)$$

$$= P(B) - P(B|A) \times P(A)$$

THE.

prot. of a card is hing

frequency table

Likellihood Lobe.

PL [410 11

P (Bymny)

$$P(N0|S^{4}) = \frac{0.6 \times 0.36}{0.36}$$
= 6.6

Hymiding

	u	2	٦	h (4)	•	Paliy
high	3	5	7	3/9		
nomal	C	1	7	619	1 /5	7/14
		. 🧸	16	9/14	Slin	

$$n_{mad}$$
 6 1 1 $\frac{619}{9 lih}$ 5 $\frac{1}{1}$ $\frac{619}{9 lih}$ 5 $\frac{1}{1}$ $\frac{$

$$P(40) = \frac{0.095}{0.095 + 0.011} = 0.896$$

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