٥٧٤ (مح)

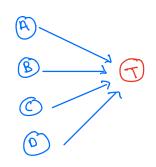
A-> It is Raihing

B -> want to walk outside

c -> feel sick

03 Day of the week

To we as Top



(4)

B -> Want to walk outside

9-2 wear green 400 die

$$\textcircled{B} \longrightarrow \textcircled{\varsigma}$$

6(B/C) = 0.1 ' 6 (B/C) = 0.P

P(C(A) = 0.7 , P(C(7A) = 0.15

P(r()A) = 0.3

$$P(Q) = P(Q|B) \left[P(B|C) * P(C|A) + P(B|TC) * P(TC|A) \right]$$

$$= 1 * \left[(0.1 * 0.7) + (0.6 \times 0.3) \right]$$

$$= (* \left[0.67 + 0.18 \right] = 0.25$$

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$$P(Q) = 0.25 \rightarrow Probability of wearing Q$$

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$$P(TT | A) = 0.75, \quad P(TT | TA) = 0.25$$

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$$P(A | A) = 0.7, \quad P(TA | A) = 0.3$$

$$P(A | TA) = 0.1, \quad P(TA | TA) = 0.9$$

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$$P(TA | TA)$$

P(wearing Tank | monday = 0.5)