Classwork: Training just plain boring 3/5 entirely predictable à lacks inergy 3/5 no surprises à very ten laughs 3/5 very powerful 2/5 The most fun film of the summer. 2/5 ? Predictable with no fun +: P : Prob(P) = 2/5
-: N Prob(N)=3/5 Positive! : powerful 1 - Jun 1 the 2 of 1 (+1) for most 1 Summer 1 plain 1 predictable 1 Hegative: 1 no 1 just 1 and 1 surprises 1 boring I lacks 1 very 1 few 1 entirely 1 : energy 1 (+1) for all vocabs P(P | sentance) = P(Sentance|P).P(p)

P(Sentance) P(H | Sentence) = P(Sentence | H) P(H)
P(Sentence)

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This implies,
P(P   Senters) \(\partince \mathbb{P}(\sentence \mathbb{P}) \cdot \mathbb{P}(\mathbb{P})
4 P(M)sentince) & P(Sentince 1 d) · P(M)
= (129) (1/29) (1/29) (2/4)
P(PIS) 0x 2 x 2 x 2 (29) 4 5
P(SIH) = P(Pred/H) P(with/H) P(nolH) P(fun/H)
$\frac{2}{34}\left(\frac{1}{34}\right)\left(\frac{1}{34}\right)\left(\frac{1}{34}\right)$
P(H1s) d 4 3 (34) 4 5
P(HIS) = (34) x 5 x 4 x 1 P(HIS) 4 3 (29) x 5
$-\frac{\left(34\right)^{2}}{\left(29\right)^{3}}\times\frac{1}{3}$
= 1.88939
= 0.63 < 1

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: He came to know that,

P(P1S) < 7 => P(P1S) < P(M<S)

is we can classify the test sample as negative.