

Nume: - Nikhi R. Bhanox Shedent id: 202318016. Class Assignment Got Cat Documents Jest ? freelictable with no fun. Vocabulary: (words): 10 Just , plain , boxing , entirely , predictuble, and , lacks, energy , no, surprises, very few, laughe, powerful, the , nost, fun, film, of g summer -. 20b LP) = 215 +: P -:N ProbLNI 3/5 Words: Positive
Representing Nagative: very: 1, powerful: 1 9 then: 2, most: 1, film: 1, ot: 1, dillin: 1, dil fun: 1, film: 1 2 of : 1 , dummer: 1) (+1) for all vocab words. Representing Nagative: Just 1, plain: 1, boring: 1, entirely: 1, predictable: 10 and: 2, lacks: 1) few: 1, 1 augh; 2 (14) for all vocas



P(P) sentence) = P(Sentence)

Similarrely

P(Sentence)

P(Sentence)

P(Sentence)

P(Sentence)

P(PIS) & P(SIP) P(P) & PINIS) & P(SIN) P(N)

P(SIP) = P(Predictable | P). P(win / P). P(no/p). P(fun/p)
= 1/29. 1/29. 1/29. 2/29.

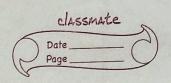
as P(Preditable | p) = No. of posh (1) to Procedictable
Jotal

P(P1s) $\propto \frac{2}{294} = \frac{2}{5}$

Similar
P(SIN) = P(Predictable N) . P(with N) . P(NOIN) . P(M/N)

34 34 34 24

=, PLNS) & 4 3 (34) 5



$$\frac{P(P|S)}{P(N|S)} = \frac{(34)^2}{5} + \frac{4}{5} \cdot \frac{1}{5} = \frac{37}{29} \cdot \frac{1}{3}$$

$$= \frac{(1.)724)^2}{3} = \frac{1.88939}{3} < 1.$$

P(Sente provide the sentence it will be regarde)

So, we 'll dascify the test sample negative