BD Lab Task

- Just plain boning (-ve) Training - Entirely predictable & lacks energy (-ve) → No surprises and very few laughs (-ve) - Very powerful (+ve) -> The most fun film of the summer (+ve) - Predictable with no fun (?) Testing

$$P(-ve) = 3/5 P(+ve) = 2/5$$

$$P(predictable/-ve) = \frac{1+1}{14+20} = \frac{2}{34} = \frac{1}{17}$$

$$P(with/-ve) = \frac{0+1}{14+20} = \frac{1}{34}$$

$$P(no/-ve) = \frac{1+1}{14+20} = \frac{1}{17}$$

$$P(fun/-ve) = \frac{0+1}{14+20} = \frac{1}{34}$$

P (predictable / +ve) = 1/343

P (with/+ve) = 1/33 P(no/+ve) = 1/33

P (fun/+ve) = 2/33

P(+ve/test) = P(pred./+ve) < P(with/+ve) x P(no/+ve) x P(fun/+ve) x P(+ve) $= \frac{1}{33} \times \frac{1}{33} \times \frac{1}{33} \times \frac{2}{33} \times \frac{2}{33} = 0.0000007$ P(-ve / test) = P(pred./-ve) x P(with/-ve) x P(no/-ve) x P(fun/-ve) x P(-ve)

 $=\frac{1}{17}\times\frac{1}{34}\times\frac{1}{317}\times\frac{1}{34}\times\frac{3}{5}=0.000002$

.. Final cat will be negative.

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