Naive Bayes Classifier:

Simple, effective and efficient.

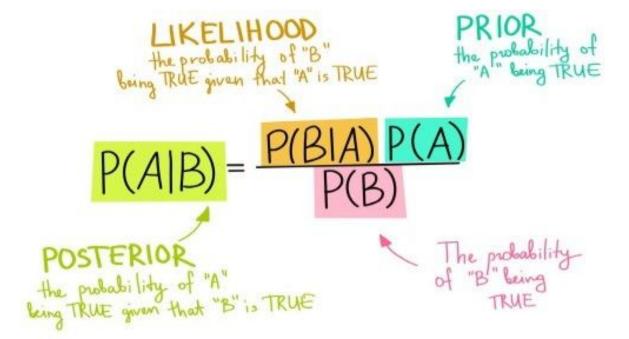
A short introduction by Jack Ogilvie-Richards

What's the point?

Basic Formula

$$P(A|B) = \frac{P(B|A)P(A)}{P(B)}$$

Clearer...



Simpler!

GAMES	OUTDOOR?
	1
	1
	1
	0 #MLmuse

Funnier...





BAYES THEOREM

Posterior probability

(DIA)

 $p(A|B) = \frac{p(B|A)p(A)}{p(B)}$

BAE'S THEOREM

 $P(chill|Netflix) = \frac{P(Netflix|chill)P(chill)}{P(Netflix)}$