Bayes Theorum

$$P(Y|X) = \frac{7(X|Y)P(X)}{P(X)}$$

Concept. Reasonably weighting on probability

Example. If you neet a quiet man what

 $P(Librarian) = \frac{1}{2}I$  is the probability they are a farmer

 $P(Librarian) = \frac{2}{2}I$ 
 $P(Auret|Librarian) \times P(Librarian)$ 
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Therefore  $P(Librarian|Auret) = \frac{0.5 \times 21}{20} \approx 0.02$ .

Watch 3blue 1 brown on youtube for more.

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