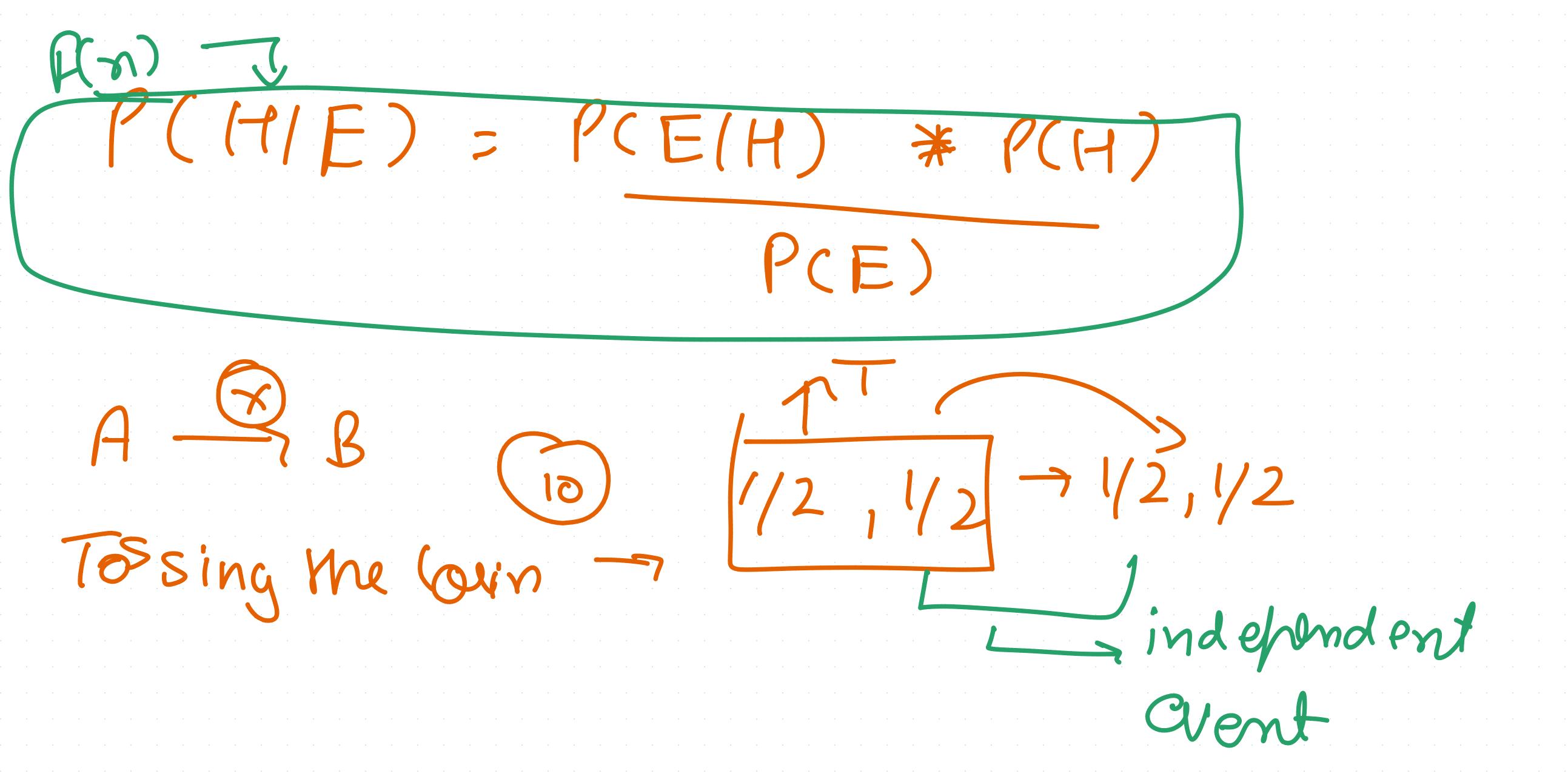
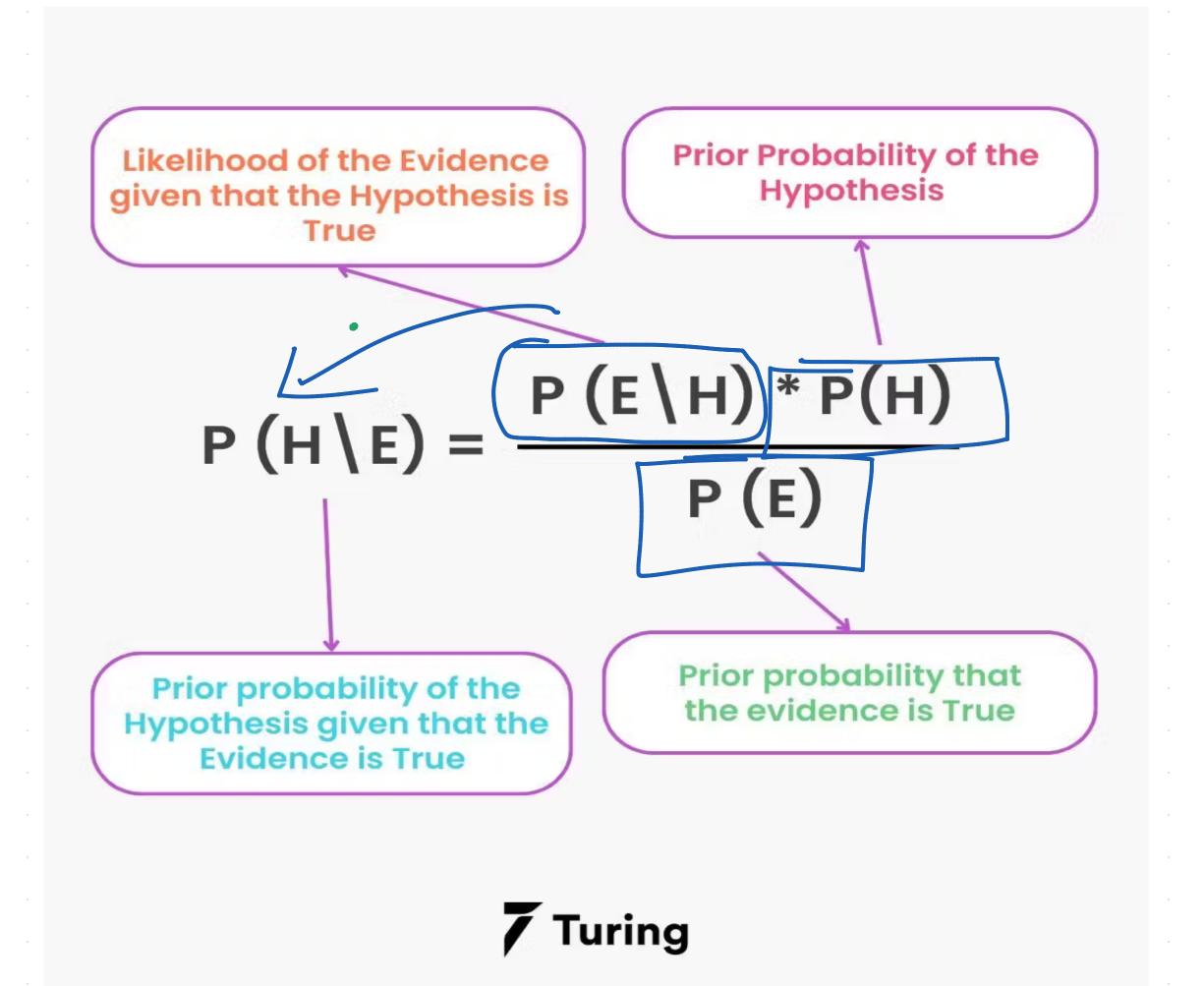
It Naive Bayes Algorithm

# Probability of of with given Fealures.

# Naive \_ Assumption that all Typs ans indehandent. #Bayes >> Bayes I hearem of Probability





Statistiss - Hyhallesis ((ensus Aug in (ome)

a) Augh Hypothesis -> 18.2 LPA DAlternate Hypothosis -> 1=18.2LPA Reject (ANOUATOST, chi SquareTost, 2-Tost)

$$P(H|E) = (P(E|H) * P(H))/P(E)$$

$$P(H) = P(H) \rightarrow 1/2$$

$$P(H) \rightarrow 1/2$$

21,22,24,3,xy - 7 / (Yes/No) Y 288/170 P(E/H) = P(H/E)\* P(H)

0/P - 10.3,4 [0.7] 0.6,0.5,0.3] n, 12,3,4 [-7 class