KNN (K-Newrest Neighbour) (Supervised) Suppose, K=7 it means that the newtest 7 point will be used as an example. जाहार नाए र र्न्स्ट्र point once Red & Black. Aest It unknown point (violet) onstart atran Red/Black কোন color ব্ৰব্ -> unknow point our stopped point এর distance বের ব্যব্বা এতান আরার THE unknown point (DIG Total n skessa point as distance color distance OMO 1 Ino point Red > acut onthis Top distance n no point त्रुलाक sort कल (कलवा distance (ছা → ব্য: → Black -> 073973 221 9th TER distance व्य अर्थी उर्हे 9री point वन अर्दी खरे color रे खनी उपल्याम शाकत, un known point ए जात्र छा ७०१०० मत् पिता Suppose, WIBHA Red MBITE 4th & Black MISHTER 3th 50, onter unknown point to Red color -

Outlook temp humidity Windy Play Sunny Cool high true?
Solve! Oudlook surmy start Play Yes = 3. No=3. No=3.
temp cool 2001 play yes = 3
humidity high 2007 play yes = 3
Windy true 200 play yes = 3
Windy true 200 play yes = 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
$P(Y) = \frac{2}{9} * \frac{3}{9} * \frac{3}{9} * \frac{3}{9} = 0.0082$ $P(N) = \frac{3}{5} * \frac{1}{5} * \frac{4}{5} * \frac{3}{5} = 0.057751$
: P(N) > P(X). : The probability of play is No because Play "N" Value is greater than play "Y".
value is greater than play ".

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$$P(Y_{es}) = 0.0082 * \frac{9}{14} = 0.0053$$

 $P(N_0) = 0.0577.8 * \frac{5}{14} = 0.0206$

50, the probability of play will be No.

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