- O= Sunny, T=Cool, H=High, W=Strong   PlayTennis? Y/N

- PlayTennis =Y $P = 9/14 * 2/9 * 3/9 * 3/9 * 3/9 = 0{,}005291$
  - P(PlayTennis =Yes)= 9/14
  - P(O=Sunny|P=Y) = 2/9
  - P(T=Cool|P=Y)= 3/9
  - P(H=High|P=Y) = 3/9
  - P(W=Strong|P=Y) = 3/9

- PlayTennis = N $P = 5/14 * 3/5 * 1/5 * 4/5 * 3/5 = 0{,}020571$
  - P(PlayTennis =N)= 5/14
  - P(O=Sunny|P=N) = 3/5
  - P(T=Cool|P=N)= 1/5 $0{,}0205 > 0{,}005 \rightarrow$ **PlayTennis = N**
  - P(H=High|P=N) = 4/5
  - P(W=Strong|P=N) = 3/5