8- al ortics = Proposobility using nodels or couses to predict data Jusing data to analyse it and use the right motel - Pour Coin 50% \$504 = 60 oded Coir 1201 - Two Slips H) +P(+)=1) [+ H, H] PHI-05 P(H, H) = 0.25) & P(H) - P(H)

{ \mathbb{H}, \mathbb{H}} \partial P(\mathbb{H}) = 0.6
\partial P(\mathbb{H}) = 0.4 P(H, H) = P(H). P(H) =0.36 Exuth Jable H & A, H} P(1)=1 P(1)=x H TH P(H, W) = 1 flifted fuice P(H)=0-5 one Head expledally uncerted) = 05 70-25=0.5 11. Ped three times & P(EdalAly once head) H = [0.5 + 0.5 × 0.5) ×3 H H s e. 12503 = [0.375] & for P(H) = 0. 6 p(s) = c.4 · P (Edoesly incehead) = (c.b to ato.c) + (o.4to.bt.4) + (0.4 × 0.4 × 0.6) = 0-288 PLDIE : even) : 1 + 1 - 0 = 0.5

Mesanenur pk) 5 -P(Double) = ++++ *Prabability of event 1-P 11 af Proside event 1. P. Composit event P.P.P. -- P