19/04/22 Data Science Thannaga Lumar Belief Dita Total Probility: 13 x 13 x 19 = =0.0165 like action = 427. Like corredy = 8.4%. Like. ddama = 36%. lile hostor= 124.48 man a) 42, + 36 = 79 b) 84 + 12 = 66 too 3) Bag A= 2 ted & 5 black; bas B = 4 white d 7 black

P(A) + P(B)=

DEBID = Probs of black balls From bagg State 669 10201 en (1) P(B)= 7 P(BB) = Probility the black ball From bags - PCBX, PCB/10 PCADERCBIA) + PCB) & PCB/B) = 1/2 x7/4 .000 1/2 x5 + 2 + 5 7 11

 $=\frac{7/22}{5/4}=\frac{7/12}{5000}=0.505$

(A) + PUBDEL

4) gileons

450 Application in 1 hours

a)
$$J = \frac{450}{60}$$
 $J = \frac{15}{27} \times \frac{10}{27}$

= 0.0828

$$0.675 = X - 350870$$

$$1^{2}405$$

x = 350870 + (0.675 (12600)

75th per centile = 359237-045