Ohinakaran. R

6 2 1 1 ...

1507

Cardo: 5d

Diamond = 13

Heart = 18

Spade = 13

Roquired Phobability: 13(, x 13(, x 13(, = 0.0165

d. Action maries = 4d1. -> P(h)

Comedy movies = 54.1. > P(B)

Dhama movies= 367. > P(1)

Horror movies = 121. > PLD)

3) Either action or drama

P(AUC) = P(A)+ P(L) - P(Anc)

= A2+36-0

P(AUC) = 78/100

DEigher comedy or horror

P(BUD)= P(B) + P(D) - PB(D)

= 54 +12-0

P(BUD) = 66/100

6.

 $X = 350870 + (0.675 \times 12405)$ X = 359237.045 X = 359237.04575th Percentile = 359287.045 (A) a)

450 applications in Thour