Chi-square Test

Ohos

Mut HR Fin proj.

Which dept. you

F
$$\frac{6}{2}$$
 $\frac{2}{3}$ $\frac{10}{21}$ which gender you

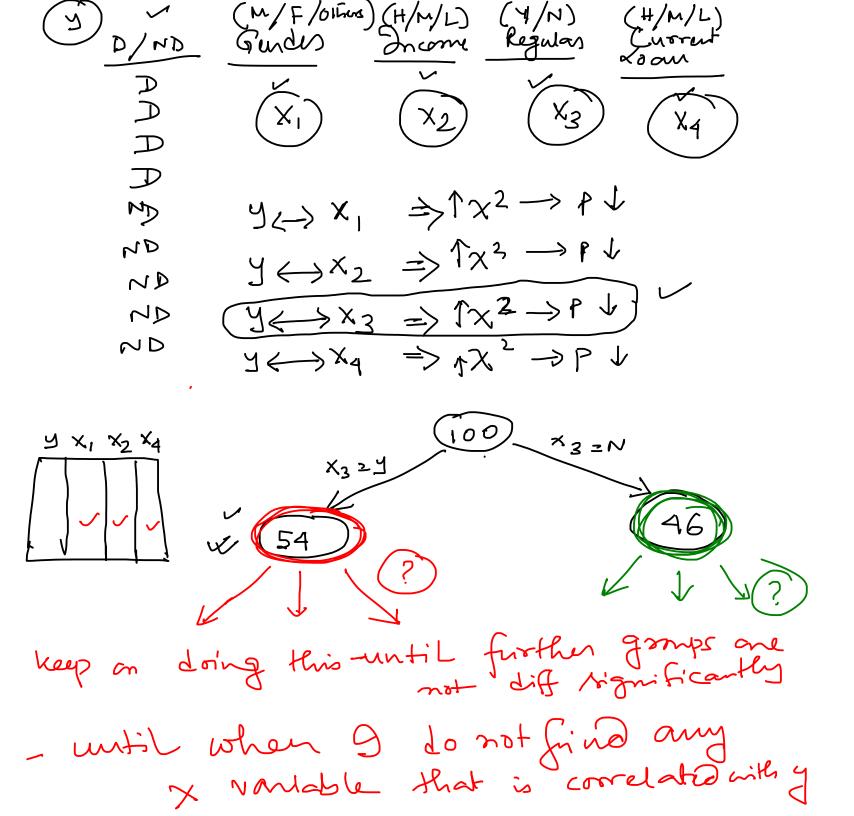
10 $\frac{7}{4}$ $\frac{4}{13}$ $\frac{34}{34}$ have has a

relationship

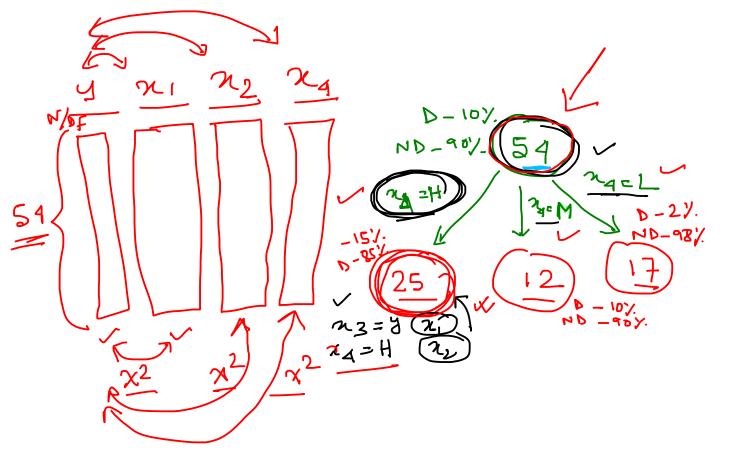
P (Prod) = $\frac{13}{34}$

If being female and being in correlated with each is not P (F and Prod) = P (F n Prod) = b(E) b (bog) $= \frac{13}{34} \times \frac{13}{34}$ P(Fand Pond) X N N(Famo Prod) = $= \frac{13}{34} \times \frac{13}{34} \times$ HR fin Prod (540) HR MKt 121×1 10

When the observed table is close to the expected table is can conclude that there is no odationship. $\chi^2 = \sum \frac{(f_o - f_e)}{f_e}$ Pmb. X2 1 the chance that they are same (p) 1 the prot. of having no ordationship I



. until when all points in the new casa 100 212M 222F, Others neither, nor 22 is related to y for these 25 065



Prefere magge (Income) Im groups A way betærer gomp diff TSS=BSS+WSS (4-7:) WSS = [[4:1 - 4]

