FEATURE ENGINEERING-3

NOT PREGANT Ho: PRE GRANT Ha: r Reject Ho P Fail to Reject Ho → Accept Ho Reality Scusion fail to Reject Ho
Not pregnant A
Reject Ho
Reject Ho
Reject Ho
Reject Ho
Reject Ho
Recept Ho TRUE NEGATIVE FALSE POSITIVE (Type I error) Pacquant > Not pregnant c Ho is False Pacquant Reject Ho FALSE NEGATIVE (Type II errors) Ha TRUE POSTTIVE

Height of NBA Players $\mu = 72$ Height of normal people p=65 Right tailed Test (-ve) Ho: (Nomal) M=65 (tre) Ha: (NBA players) pr > 65 $Q9^{\circ}1_{\circ}$ Confidence X = 0.61

Dample 2 Individual => [Avg=70]

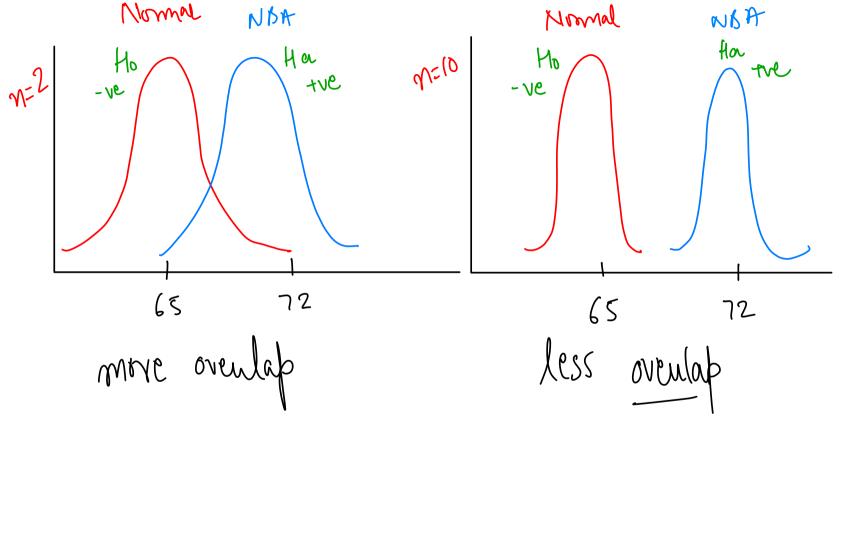
Prahu = 0.16

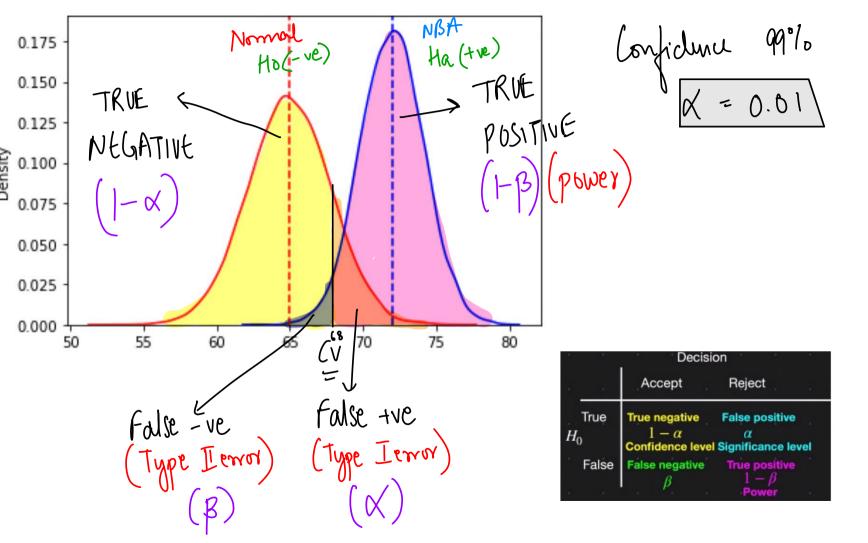
Ho = 65 dof = 1 $\alpha = 0.01$ pvalue = $1 - t.cdf\left(\frac{70-65}{4/\sqrt{2}}\right)$ fail to Reject to 10 Individuals =) [Avg = 10] pralue = 0.001

pralue = 1- t-cdf (70-65)

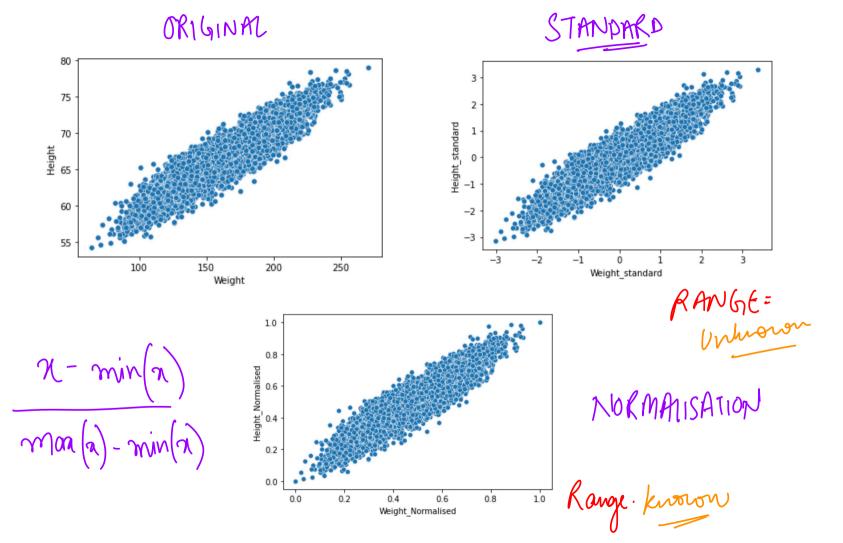
pralue < x

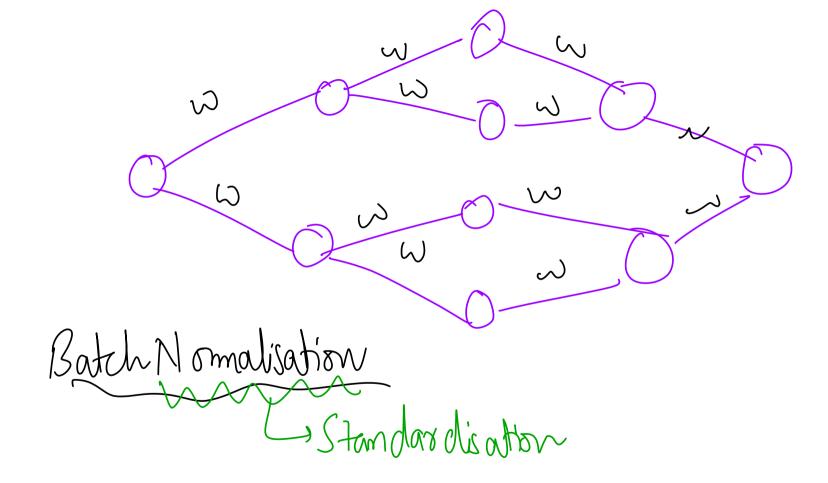
Régert Ho





Standardisation Nomalisation (FOOT) Touget Car 1000 dog 3000 elephone 40 60 2200 7000 do 3900





Bootshapped Sample 1,2,3,4,5,6,

