3-1 ENT - ( 100 - 1/4 - 1/4) - 1/4 20 doct - 10-20 After building the logistic regnerior model; write the onewer for the following quittons. The key variables impracting the employee retchesbuild of religions is - (2) enorter = -> satisfaction lower: lower subrifaction invoc -> Prince sport in company: Employee with 51 years tourd to leave of solveny: Low solving head to biguer tomour sup of projects & and monthly hours! very light or

25 14 F Attribute a3: Value (ax): Highi Normal Saz=[1+14-] => Entropy (Saz) = 1/2 logs (1/2) - 1/2 log (4/2) Stingh = [0+14-] = Entropy (Strint) > 0.00 Swound > [1-1.0-7 = Entrety (Shound) is D. D. coun (say): Entrey (s) - 4 Entrey (Gran) - 1: Enry (Samu) = 0.9709 - 4 (0.0) - 1 (0.0) = 0.9709 03 3719 Com (siraz) = 0.9709 (mor gain) - After building ducision tree model with the following arms Entrol "in "in cer" dotant - The accuracy score of would my 1.00(1004 The comparion hatrix shows that the model neade no errore arou preliction note na tre - No willdanifrantson Decerved sive all diagonal valle in touterior matrix one zero For Petrol consumption is actant The regrinion tree starcton spet doto i was whitnes Histor hath leaf noide protictory the and petrol consuption - must imported forther whatel to v & Merel. The requision true prounts constitues valus while a claufer prieble cortugions.