Target: Y=9 N=5. H(D) = - \$\frac{7}{4}\log(\frac{7}{4}) - \frac{7}{4}\log(\frac{7}{4}) = 0.94.]
Athinto:
Ah: $3Y + 2N$ H (Farent) = $-\frac{1}{4}\log(\frac{1}{4}) = 0$
App carance: Good: $2Y+3N$ $H(FGood) = -\frac{1}{5}\log(\frac{2}{5}) + \frac{3}{5}\log(\frac{2}{5}) = 0.971$ $H(FAh) = -\frac{1}{5}\log(\frac{2}{5}) - \frac{1}{5}\log(\frac{2}{5}) = 0.971$
H (D FAPP) = #H (FGrent) + 1/4 H (FGrent) + 1/4 H (FAb)
= 0.693
$ n come : Good : 4Y + 2N$ H (Flow) = $-\frac{1}{2} g(\frac{1}{2}) - \frac{1}{2} g(\frac{1}{2}) = 0.9 g $ H (Fgood) = $-\frac{3}{2} g(\frac{1}{2}) - \frac{1}{2} g(\frac{1}{2}) = 0.9 g $
Great: $3Y+N$ H (Great) = $-\frac{2}{7}\log(4)-\frac{4}{9}(4)=0.811$
H (DIFIncome) = 井H(FLOW) + GH (FGOOD) + 井H(FGroat)
= 0.911.
Younger: 64+N H (Fromger) = -\$/09(\$) - \$109(\$) = 0.592
Age: older: 38 +4N H(Folder) = - 3109(7)-4109(7) = 0.985 H(OlFAge) = 1 H(Fronger) + 1 H(Folder)
= 0.789
1 (5 (1) 1(0) 1(0) 1
Portocolon: cto.do. (1) 2N H(Ectonda): - 7/9(3)- 1/9(3)=0.811
H (Ol Fpro) = 4 H (Funstable) + 4 H (Fsteady) = 0.892
G(D(FAPP) = H(D) - H(D(FAPP) = 0.94 - 0.693 = 0.246
G(D/Fmc) = H(D) - H(D/Fmc) = 0.94 - 0.911 = 0.029
G(D/Fage) = H(D) - H(D/Fage) = 0.94 - 0.789 = 0.151
G(0/Fpx)=H(0)-H(0/Fpx)=0.9x-0.892=0.048
start
App earance
Good Ah Great

tor Apprance = Good Branch: H(D) = 0.97/ Attribute: H(Frow) = 0 H (FGOOD) = 1 H (Fgreat) = D H (DIFINC) = 3 H(Flow) + 3 H(FGOOD) + 5 H(FGOOD) older: 3N H(Fololer) =0 Ap: Younger: 2Y H (Fromger) = 0 H (D) FIAC) = 0. H (Fsteady) = - = 109(=) - = 109(=) = 0.918 Stordy: Y+2N Profession: unstable: N+Y H (Funstable) = 1 H(DIFpro) = 3H(Forenda) + 3H(Funstable) = 0.95/ G(D|Finc) = H(D) - H(D|Finc) = 0.971-04=0.571 G(D/FAGO) = H(D) - H(D/FAGO) = 0.971 - 0 = 0.97/ G(D/Fpro) = HO) - H(D/Fpro) = 0.971-0.951 = 0.02 Start App caronce Good Younger

For Apprence = Ah Branch H(D) = 0.971 Y=3 N=2 Attribute: H(FGood) = - 3/09(3) - 3/09(3) = 0.9/8 more: Grant: Y+N H(FGreat)= 1 H(D)Finc) = 3 H(FGood) + 3 H(FGreat)= 194 older: Y+N H (Folder) = 1 Age: Younger: 241N. H (Franger) = 0.918 H(DIFAge) = = H(Folder) + = H(Franger) = 0.951 H (Fsteady) = 0 Profession: Unstable: 2N H (Funstable)=0 H(D/Fpro)=0. G(D/Finc)=H(D)-H(D/Finc) = 0.971-0.95/= 0.02 G(D/FAge) = H(D) - H(D/FAge) = 0.971 - 0.951 = 0.02 G(D/Fpx)= H(D) - H(D/Fpxx) = 0.871-0= 0.971 Stout Appearance Good Profession Younger Steady