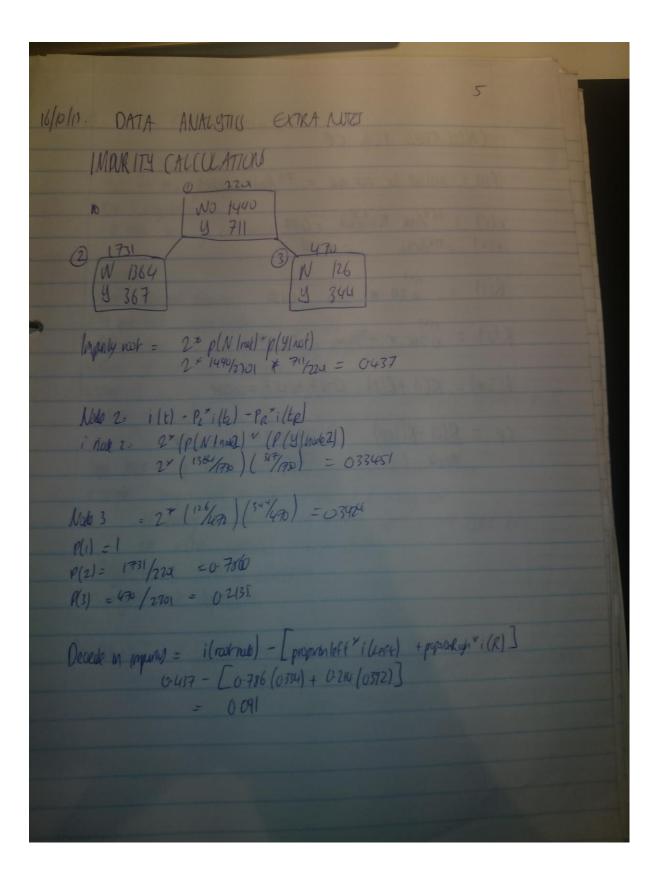
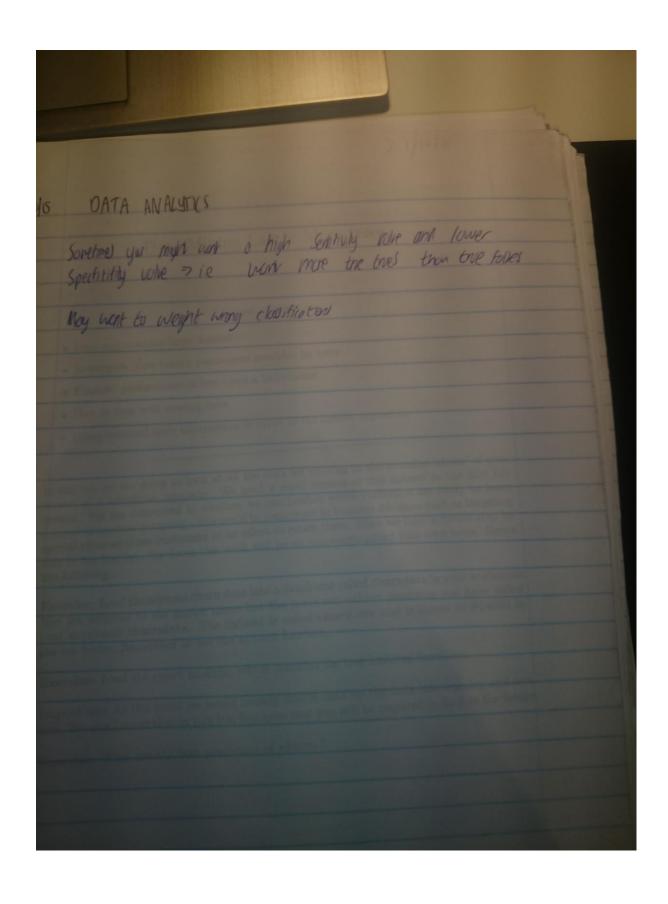


Dota 03 privi P(A,1) = 0.9  $\frac{30}{40}$  = 03 P(A,2) = 0.9  $\frac{60}{40} = 0.6$   $P(B,2) = 0.1 \times 90/10 = 0.09$   $P(B,2) = 0.1 \times 90/10 = 0.09$  P(B) = 0.6 + 0.09 = 0.69P(A1) = 03/31 = 097 P(A12) = 09/69-013 P(B1) = 01/31 = 005 P(B12) = 09/69-013 Node I and 2 to A Chyprophos! MUCHAULFILATION rll) prob of miscless of note =1-mx (p(int))
R(H) = r(0\*p(H)) For the by R(T) = Er(t) P(t) ~ is lemmal hard Sure tec with data of priors Nove o: r(to) = 1 R(to) = r(to)\*p(to) = 107 = 1 Node (: r(b)) = 1-197 = 103 R(b) = r(b) p(b) = 010 × 2031 = 0 as Nul 21 r(t2) = 1-187 = .13 R(t2) = r(t2 1 p(t2) = 13 " 164 = 10847 R (T=) = · 0093 + 00897 = 0.099



(ALCULATIONS FOR CP R(d) = muscled for not new = 711/201 = 0.32? r(1) = 367/1931 MANN = 0212 r(2) = 126/470 = 0.268  $R(1) = \frac{11}{0.212} \times \frac{1731}{2201} = 0.166$ R(2) = 0.268 × 470/2201 = 0.057. K(Tree) = R(1) + R(2) 0:167 +0:07 =0724 Cp = R(0) - R(Time) (2.323-0.724 = 0.99)
#nally -1 2-1



23/10/15	DATA ANALYTI(S
	X-relane-eller
-	Plot of company preneto CP -values gaz down dotted line - top end of sandard devilition of smalls X-val -rel-error - Cross validasin error - relative to the not made Put (P=0 for brygest value)
R	OC for random musel is a 459 like X
+la	w to compar 2 RQ (und? - and under curve?  -Draw curve) on top of each after
	hy no spliter - may not to a goal enough words authorse nucl create factor symmethy/dokform will give frequencial not min) and maxes

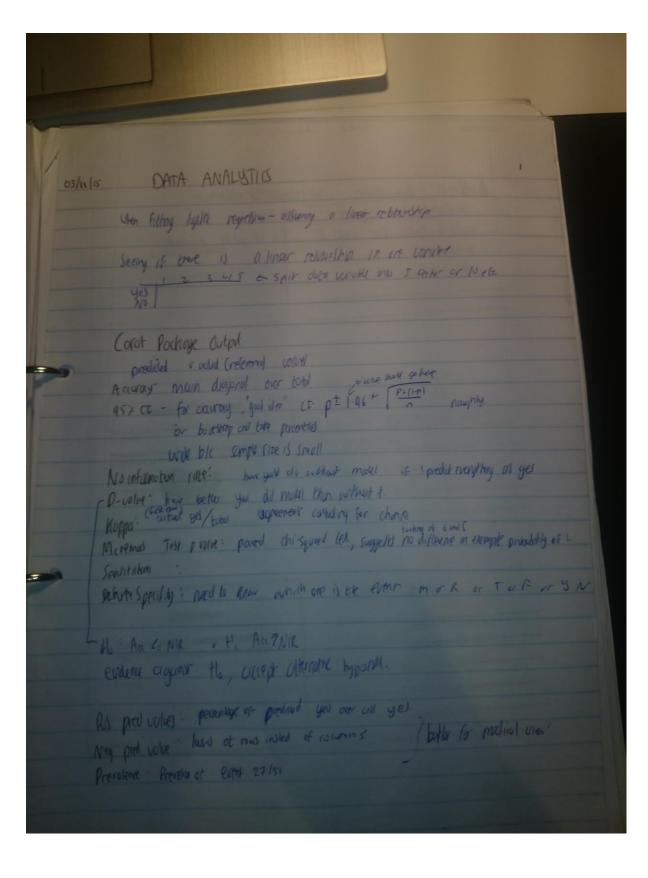
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Madel Evaluation looking at "opening condition"—prior polarity etc.  Ra curve raily colourly and - Assure well today one under jugget and  At) prior publish of a plo and  Non overall closs is. Is very small made bords to aver emphasise it.  Connex houl-looking for the steps of togeth team the sam  Graph—Two midels, A and C.  FN =FNR - both the same—wishe awary on shake  FP = FNP  New Graph—got an author at bothom of graph with  lower possible are raice  How madel taken for probabilish.  Cols impurblish  Actual + J x X's the same 7 may  wint to weight it.  Want to hard possible of x	
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Convex holl-looking for le stops of togeth king the saw  Graph - Two models, A and C.  FN > FNR - both the same - wrote away on shirts  FP - 7 FNP  New Graph - got an author at bothom of graph with lower possible and rates  How model before for probability.  Costs important   Predict  How model before for probability.  Costs important   Predict  Actual + J   x   X's the Same -7 may  - x   Want to weight it.	ROC curve maly actually curval - Assume were taking area unter jugged curve
Greph - Two models, A and C.  FN > FNR - both to some - worke wavry on shorps  FP - FNP  New Graph - got an active at bottom of graph with lower possible are rated  How model before for probability.  Costs important   Predict  + - So for we have bride  Active + J x X's the Some -7 may  - x   want to weight it.	Non overall closs 7. 15 very small-mall lands to over emphalie it.  Convex hall-locking for the stopps of tagents lang the same
FN > FNR - both the some - whole warry on shirter  FP - 2 FNP  New Graph got an outline at bothom of graph with  Nowar possible error rates  How made before for probability.  Colf impurpint  Predicu  + - So for we have trained  Actual + J x X's the Some -7 may  want to know paths of x	A Laboratoria de la constantina del constantina del constantina del constantina del constantina de la constantina de la constantina del constantin
How model before for probability.  Cost important   Produce    Achel + J   x   X's the Sane -7 may    -   x   Want to weight it.	FN > FNR - both the some - whole warry on shelps
Achol + 1   x   X's the Sane -7 may  want to know your of x	lower possible enor rates
Achol + 1 x X's the Sane -7 may  - x / want to weight it.	Cast impropert , Produce
want to Know value of x	+ - So for up have there
Want to Know 1200 U-X	
Plot cost v out of pant for different out off points	Want to Know patos of x
Plot cor v aut de pant fur dirigion (or gr point	vote a set of a set of a set of
	Plot cor v act or pant for director cor gr point

2 (1) -Total cox - numbers \* Cost Can incorpanie cost into growing or prining trees. The bus graphs -opposite of each other cost of fall proOnly the rath of costs is important.

Cod NI - measures impurity

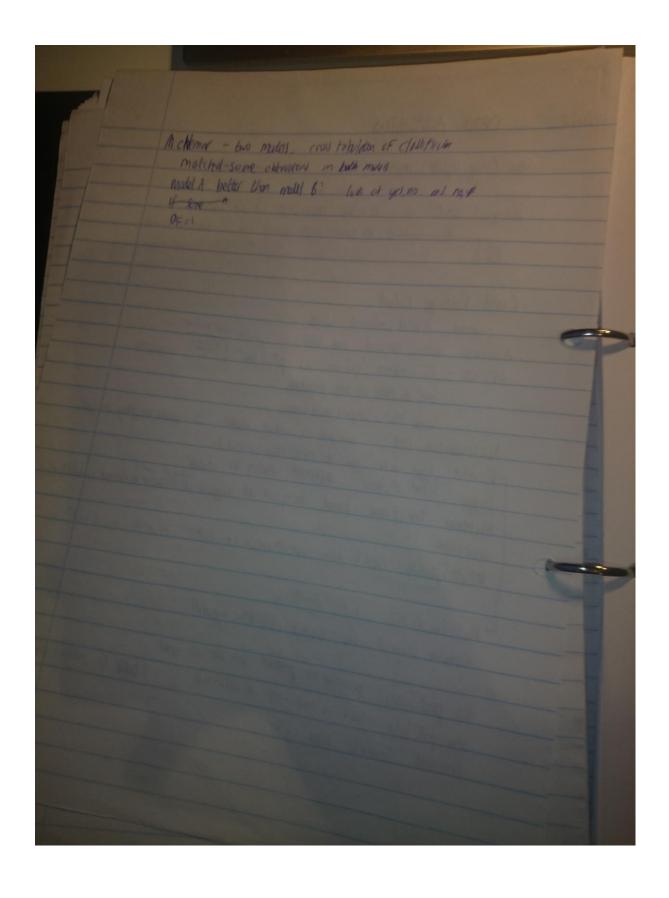
Cost is basically a cheregistry with the From - expected cost went in hour owner Max value - FN=1, FP=1 Telling is ranges in white makes will work

olis DATA ANALYTICS Predited who in two vertex (yo, NO) The graph of trees v registra - Should expart something aund a diagonal - Tree moved look better, most of thre 1010 or high Dooled - RPP in the R graph, different to my in many What are you going to use for clussification?
- Depends what guestion you ask for answering - Purpose at study - (Williator too)? - what do we went to optomise?



03/11/15 DATA ANALYTICS then filting lights regulary - ossiency a liver ceber Seeing if there is a linear relatively in one consent 45 & SAIN dito worth one I saw or held Corat Pochoge Output predicted v orbid (reference) volve) Accuray main dissport over total 95% CT - for causay , good w/0" CF pt 1.96 2 [P+(1+p)] or bootstop and take parentale will ble simple size is small No inhibition rate: how you do without model it i predict everything as get O-color hav betwee you did moved than without it.

Koppa: Gartinol yes/total agreement contains for change Morpha Test prolie: pared thi-squared let, suggests no different in exemple principlely of L Sensitation sent specify: need to know which one is the event mark or took or you Ho Aa L. NIR V H. Aa7NIR evidence against the occupie alternative hyporall. his pred value): perantage of predated yet over all yet. My pod votre law of now instead of columns. bother for malial user Prevalence Prevenu of Event 27/51



Predicting parabilities from revol ver predict (Fitne, doto.fore (clus="", sex="", ug="")) Ensemble Method Foundations, algorithms Zhou, zhithuce