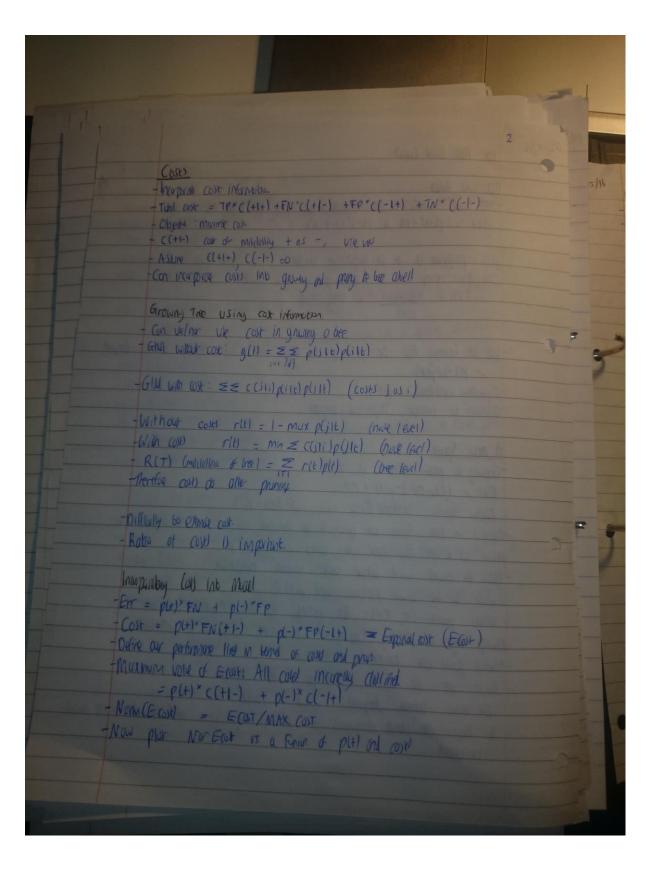
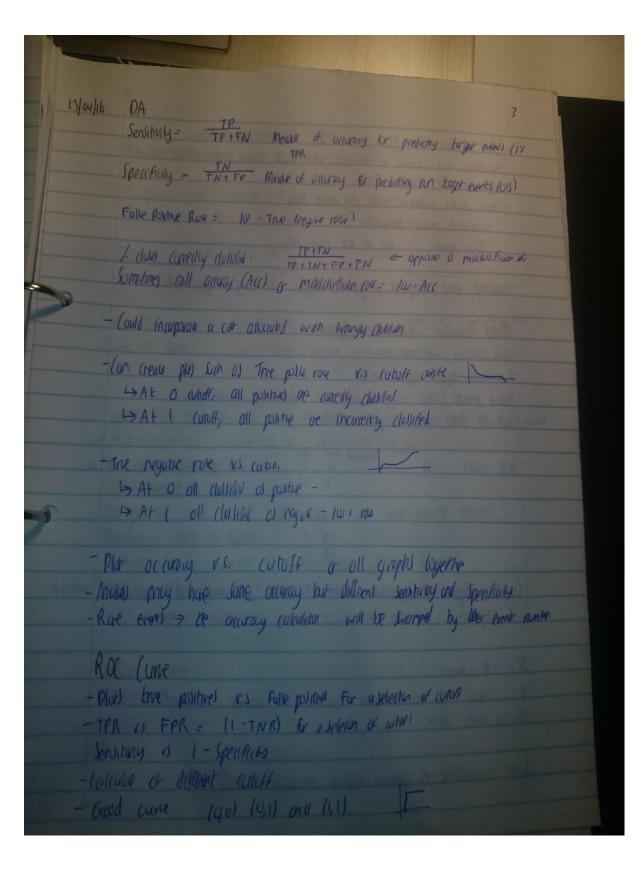
02/05/16 DA ROC COST CURE! RCC and Privo TPR and TNR are not departed on prov poblished by acreas a ACC = p(+) * TPR + p(-) * (1-FPR) p(+) = proportion of + in population writing as TI, up to your Can drow lines of the accuracy on Ra cure TPR = A ac -p(-) + p(-) + FPR We are lacking for the point on the array hall where the stype of the target - p(-)(p(t) Operating corditions pht/pl-1 -Difficult to imagine Slope of tangent A New Source Going 6 plot Env is pit) - Err = (FN-FP) > p(+) + FP - New spure 4-AxII: Error X-Axi) = p(+)- Points in Rol Spay are young to be mupped onto line in "error/at)" be -Allow U) is see how ent role ranes according to plat - How the movel will before under various conditions. - Garet to se wen plil=0 and p(+)=1 - GOD pond (O, FP), (1, (-TP) For each TP and FP and France -Always regule note (closing oil o) regular FP=0=TP (0,0)(1,1) / 144 - Alway posite me TP=FP=1 (0,11(1,0) porm - look at the lower envelope of the graph the vote between diagnost shows many they of each in V- live or alway diagonals > always requires will be used > 18 mod



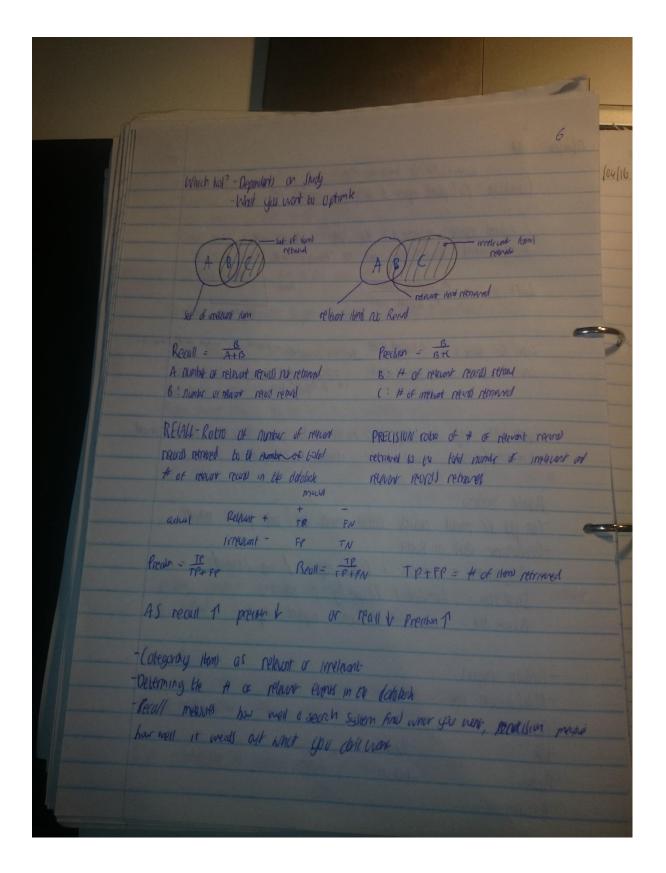
05/16 DA : (0(1) - p(+) o also readed to include misclesifician costs - Multiply pit) by c(+1-) or wandle it so and go from 0 71 PC(+) = p(+)*C(+1-) p(+) "((+1-) + p(-)" c(-1+) For equal moderation and PCLH = p(+) - PC(+) = 0 WAS P(+) =0 or ((+1-)=0 P(+= 1 WAN pt-1=0 & ((-1+)=0 - Expected NYMINI CON NORM EGH = FN PC(H) + FD PC(-) Recell: rabu of number of relevant reveal remend to co was now of relevant result in to doubtob - measured how well a seath system Fire what you want Precision ratio of the number of relevant records remered to the literal number or magnet one relevant record remail - how well it well and white you cont went.

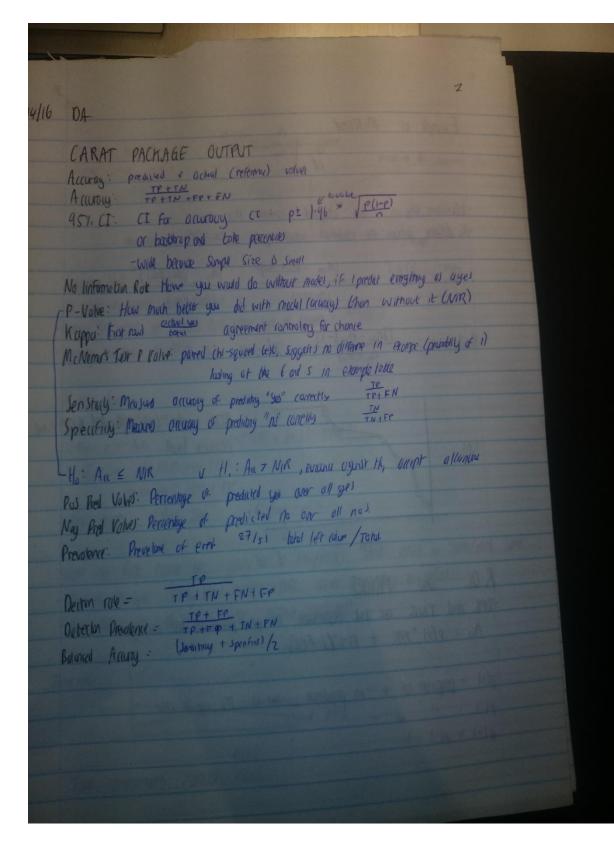
13/04/16 OA	
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- Petult more sense with permissy crulys?	
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- Splys and famonal now More Sens? - A of termost nown	
- Test dora	
- Applied to many different types of models	-
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Test 1 Training St.	
-Split duty into bring and lest data	
-Model built or braining date	
- UR LEV St for evalution	
-Typically 80:23 or 3/4	
-make sure you have enough cover for each barget category we statistical	17.40
- Has to be done Rondomy	actor
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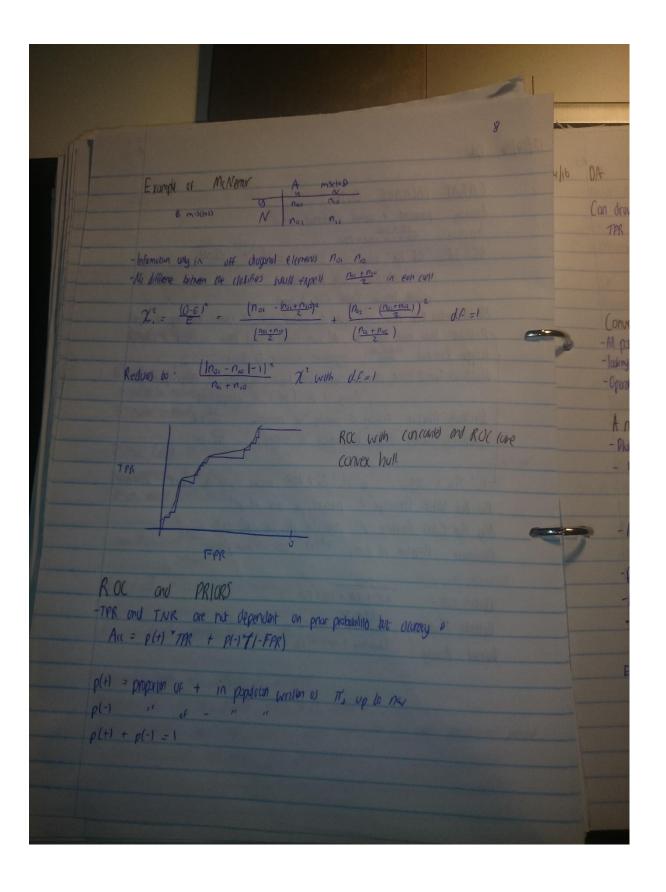
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- Intell when probability estimate a small and ti=0 and probability estimate is	
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- A Pick a threshold/cutof based on the predicted probabilities, i.e. or	-
- IF PI <05 70 PI 705 71	
- cutals con vay	4
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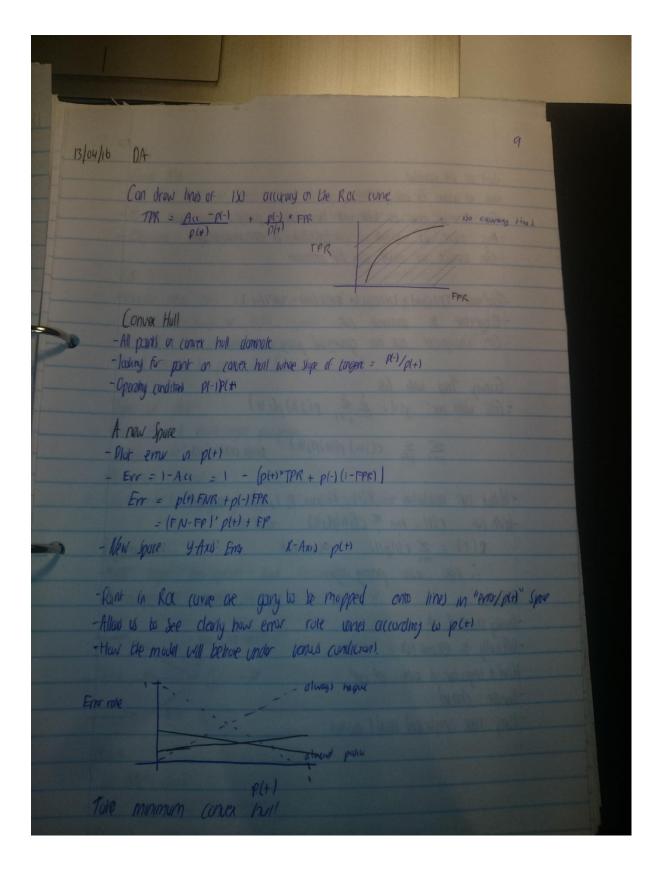


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Model Evolution - Alternative Approach	->
- The culture with N=3333 # Yel = 485	
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- Produce predicted values using best set Pi (postability of chrony)	-
- Sort the clara into 10 parts - checites	
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10 -look at the envelop tak at volve for each plt) - For some or ten the best wall be oliveys posine or ollways regard they were to attach a conforte/for to ear mixlushinder An evolute ar mile ving the informan Total cost " TP " ((+1+) + FN" ((+1-)+ FP" ((-1+) + 7W" ((-1-) - Objective to minimile cut - Con incorporate cost into growing and prury a tre assist Grown Tros with Coll : E E p() |t) p(i |t) E & c(311) plitt) plitt) with cost just - Without cost michighan = r(t) = 1 - mox P; (jit) - roce last - With con releasing (Gillpfile) -now lad R(T) = Z r(t)p(t) -tree led i cost alle princy regime Officulties - Chunky much of col - Difficulty to estimul coll -Whot's important is notice of coll -Objecte charged