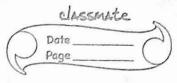
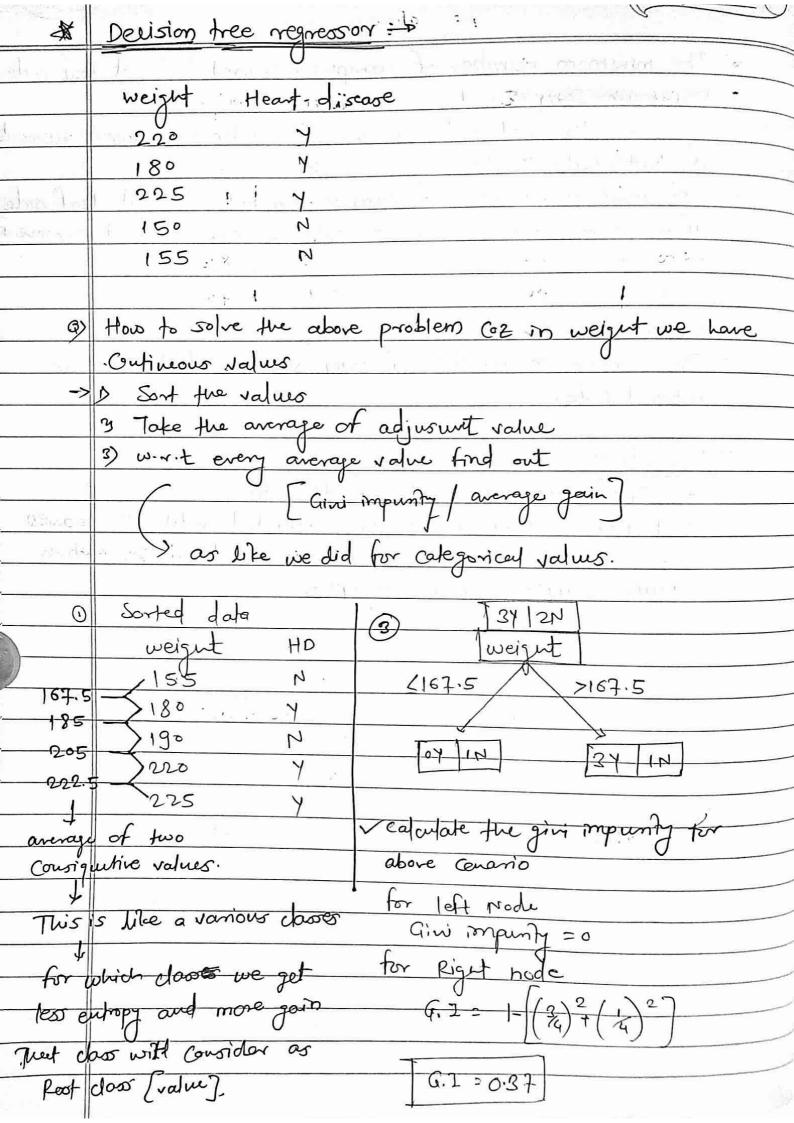


	Date Page					
\ -/	Tutomation Gain Calculated in ID3 approach only					
/	Information Gain Calculated in ID3 approach only In CART -> sum of all Givi Impunity is calculated to					
	Select the most node.					
127 53						
	G.7 Sum of $G.7 = 0.1 + 0.1 + 0.1$					
	= 0.3					
	Do:1 Do:1					
	The less the G.I sum is					
	This feature will be our noot feature.					
	- The state of the					
4	pre-pruning !					
	Before building a decision free I can frame out					
	the branches.					
	overfitting [Train accuracy will be good test accuracy will be lad.					
	overfitting I train according will be good fest accuracy					
	will be bag.					
	(2) Co. John J. 21 J.					
	(2) Computational will be expensive.					
ş	prepriming hyperson harts.					
	prepriming hyperparameter:					
	2) minimum Sample leaf					
	3) minimum Sample Splif.					
ני						
	The depth of devision free will decided by this					
اوتس	parameter					
	Ber Mar dypth - 2 -> 1					
3-24						
	Pesult					



Phone 1	
P	The minimum number of samples required to be at leaf node.
(2)	Minimum - Samples Leaf.
	in the leaf node we can get minimum sample amount
	ais leasternation constants
_	The minimum number of samples required to be at leaf node.
_	if we have value at certain split those than that remove ?
	it.
(3)	minimum Samples
	The minimum number of samples required to split as
	jutemal hode.
	A Dear Lander Here
<u></u>	Max-depth h
86 2	- The maximum depth of the trees.
	- if none, then nodes are expanded until all leaves
	care pure or until all leaves Contain less than
	min_samples_split Samples.
	110112 3414153 2 3 7 111 - 7 101



		dependent	feature.	Date Page		
11		1	- Frantis			
*	Height	weignt	Gender	weight		
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	160	50	М	66		
	180		F.	50		
8 - 4	170	J ∘ € 5	— M	90		
	175	70	Ė.	85		
	1	1 10	<u>M</u>	1. 70.		
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× × × × × × × × × × × × × × × × × × ×				1 + 17		
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<u> </u>	problem Suitable for problem Suitable for					
	linear Regression Svm.					
	XXXXXXX NoT having linear Role					
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1 1	× .	× ×××				
	~ dx h					
	problem Sufable for DT Height weight					
	7 04081	em Suitable for	160	50		
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		All and a	172.5 < 175	70		
	177.5 180 90					
-	F 7	7 - 7 2-7		V)		
独建区		Tata L	y			
	* Next page with this Example.					

