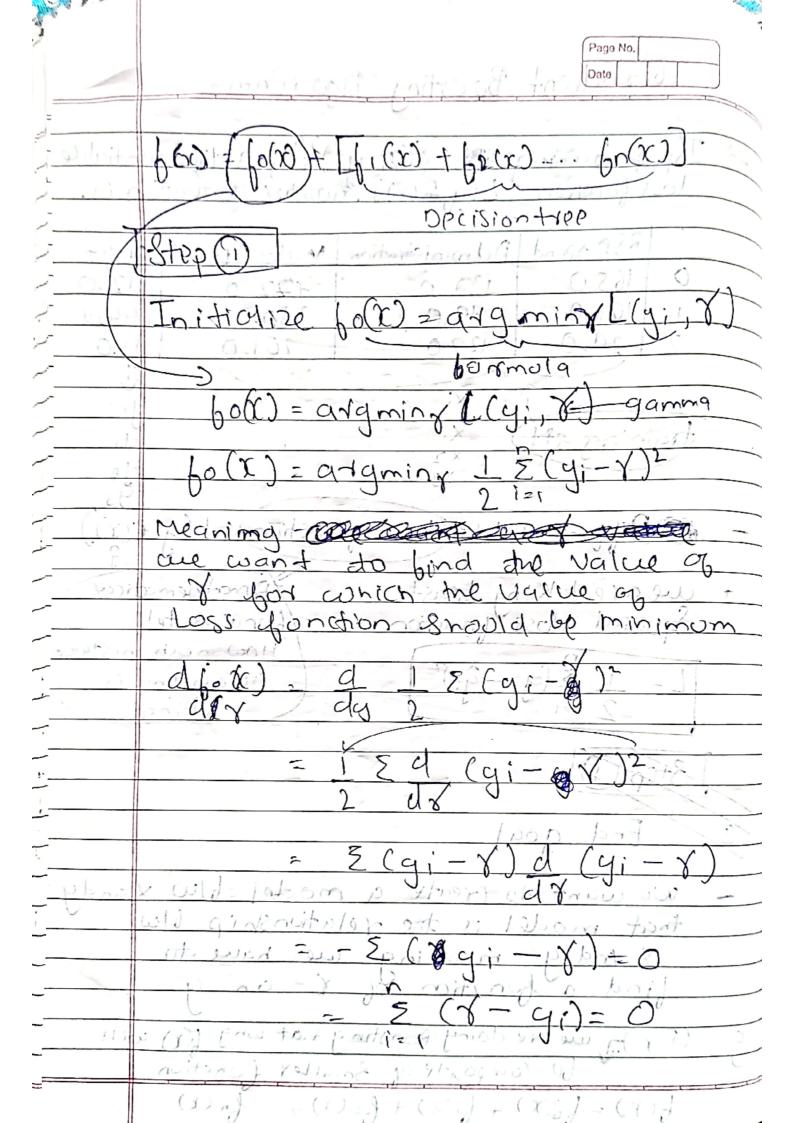
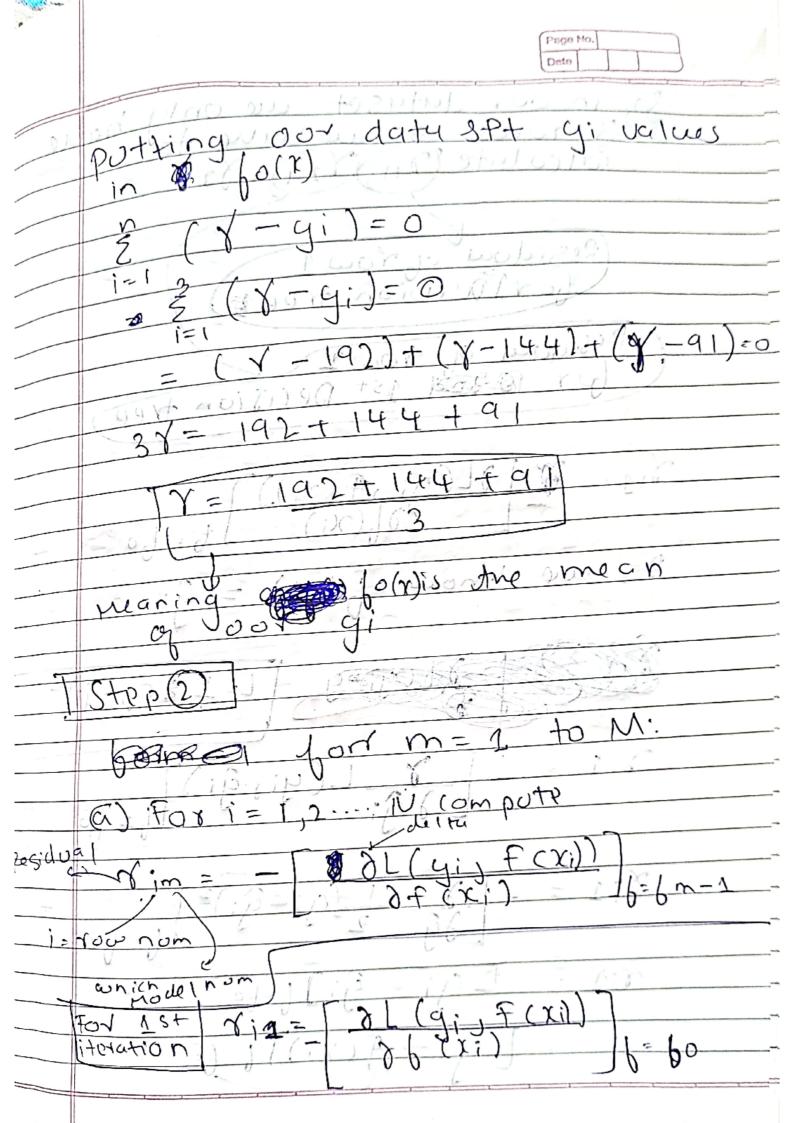
Gradient Boosting, Algorithms	
Joss fonction L(y, f(x)), number of iteration	-lichle
doss function L(4, f(x)), number of iteration	n M
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- Lings - Lings	43
- Differentiable (Loss poinction)= L(y) f	(2)
and the board of the same	78
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Squared class proction with function tell	
How much r	nistaro
L= 1 5 (gi-qi) Galgorithm	1
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1 Stort I some	
End goal	
- We want to create a model blw x	andy
that model is the relationship blow	
x and a mochinas we have to	
find a fonction of x on y	
9 = (fx) we are doing Boosting that why ((r) w	111
g = (fx) we are doing Boosting that why f(r) w	
b(x) = b(x) + b(x) + f2(x) fn(x)	*





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	3 rows so are name to calcolate (7,1,172) Jai
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) 	Residous of row 1 bor 1sto cision troe
<u> </u>	(pr page 1st Decision tree)
,- ,-	
	8:1= DL(9; , f(x;)) } b= 60
	As row Mnown of trip = giver
	L= 1 2 Cy; -9;]2
	Vil = 7 L(yi, gi)
- A-01	$g_{11} = \frac{1}{2} \frac{3}{3} \frac{1}{3} \frac{(q_1 - q_1)^2}{(q_2 - q_1)^2}$
	$7:1 = [q: -\hat{q}:]_{b=b}$

