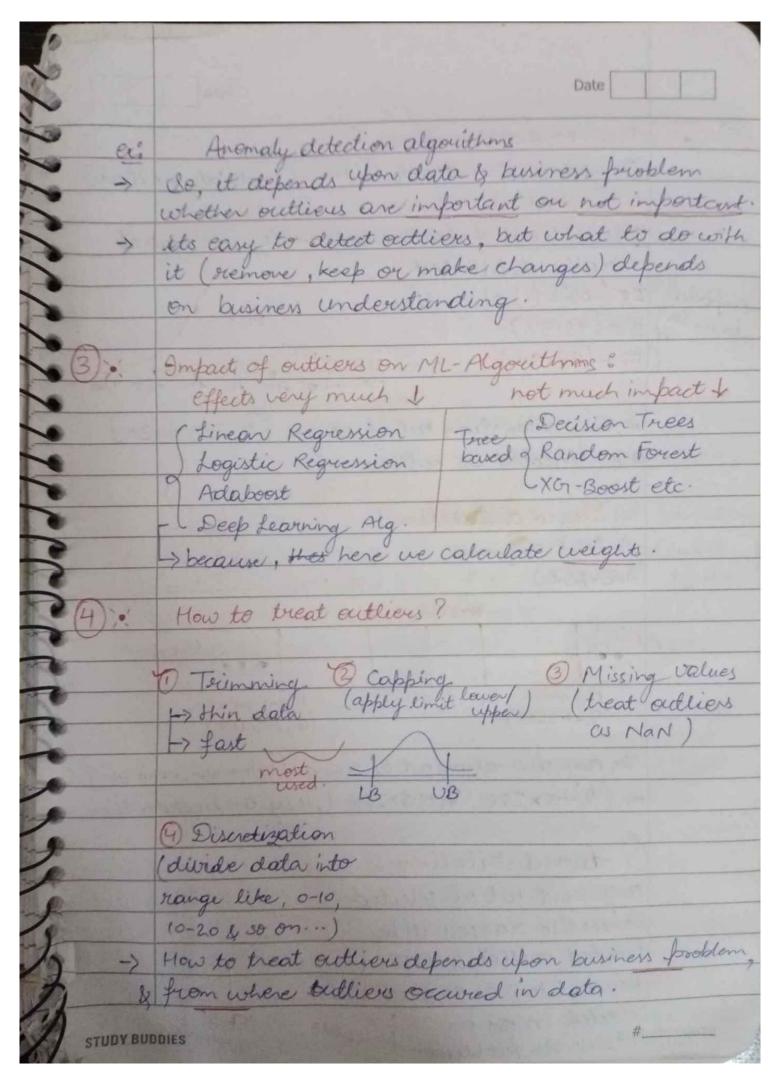
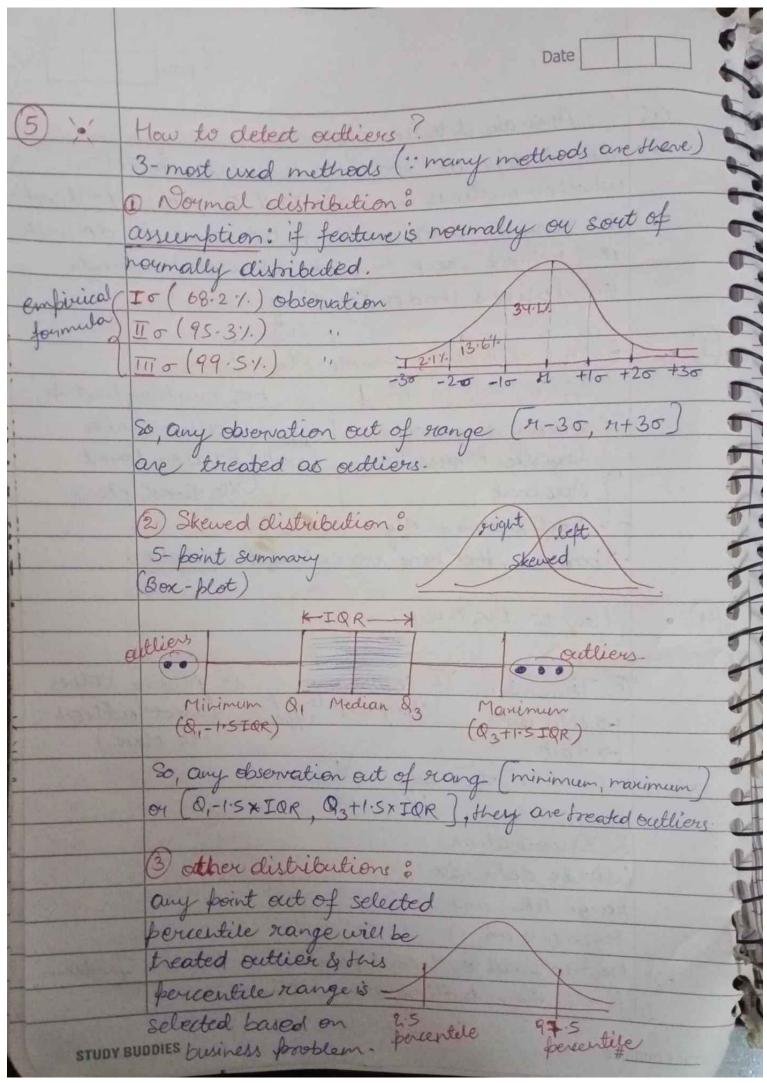
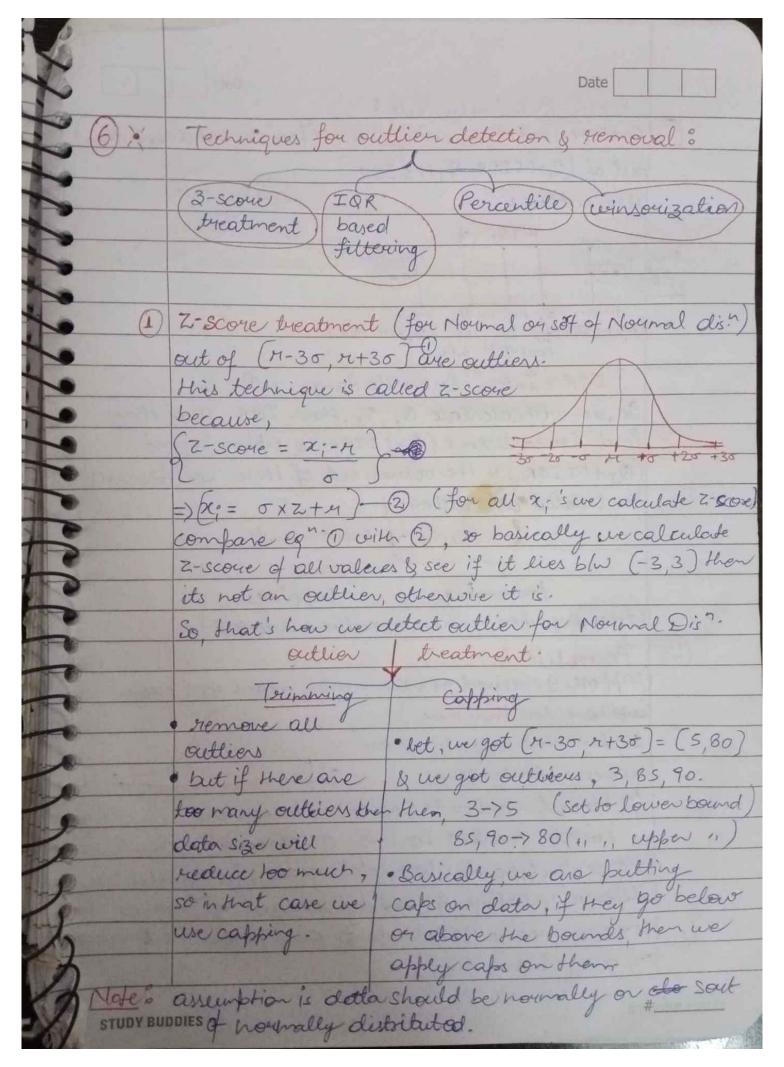
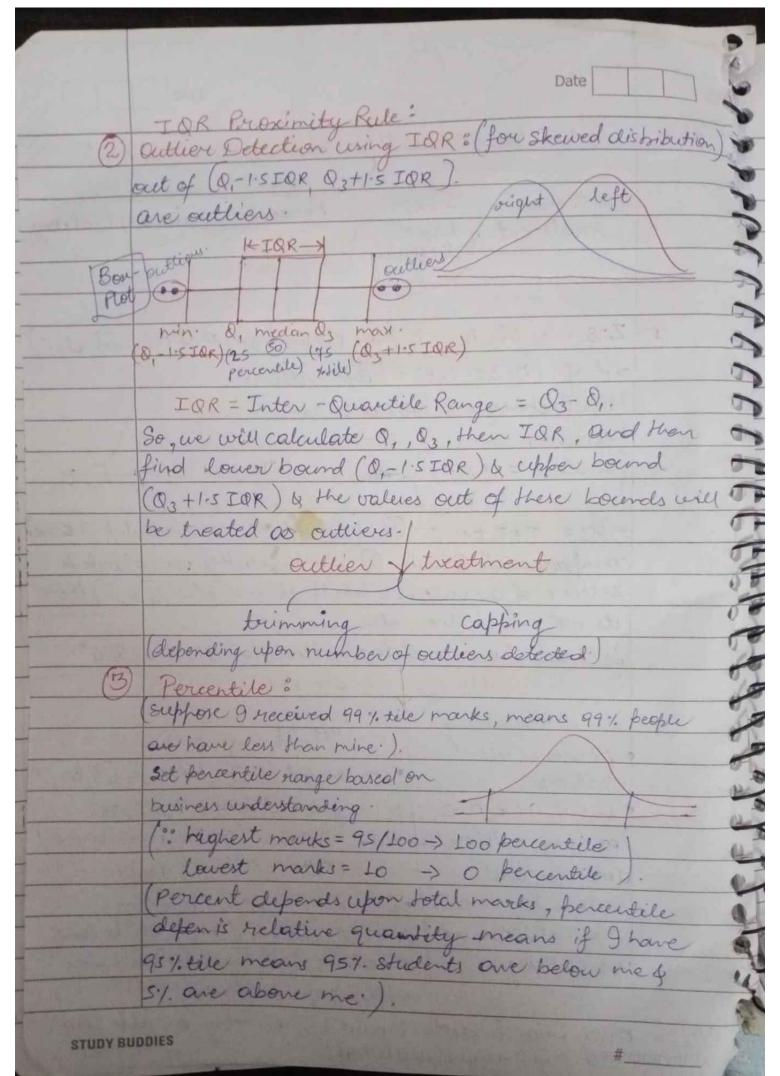
Feature &	gineering
Feature Tra	nefourn OUTLIERS Date Date
Agenda	1) water an outline?
	2) When is outlier dangenous? 3) Effect of outliers on Machine Leaving Algorithms. 4) How to test outliers?
	5) Flow w active survey
	6) Techniques of outlier Detection &
① ×	What are authors?
	Shauma ite ka Beta (4)
	So a data point observation which behaves very
	afflerent from hest of same f
ex.º	like there are few Businessman string
	we wanna Calculate their salary (any) my
	comes in lakes, but if Flon Musk or Amban is
	added to that class & now if we calculate
	added to that class & now if we calculate average salary, it trons out to be in Crove,
	so which doesn't looks like ang salary of all
	persons, so here Elone & Ambani acts as outliers-
	So how arthers are dangerous.
- (BFL-1 (in absence of outliers) with
9	BE2-2 (in presence of ")
(2) *	But outliers are not
Note:	But outliers are not
	always dangerous, in /++
	some cases they could
	be very useful.
es à	Consit Cond faut defection in these cases when
	Cancer detection. Then Have authors
(in	these cases, we are actually) any many tall it is
STUDY BU	odies looking for outliers. I great left with date









10	
2	Date
-	He a we do into "I tile the roul old delending a
3	Here we decide 1/tile threshold defending on
	As 5:1 tile Vessel 1 1
	As, 5% tile Horeshold range is (5% tile, 95% tile)
-	After deciding this of tile nouse & fine in
Co	oresponding there it tiles (hours have) received there
9	After deciding this 1-tile range & finding values oresponding these 1-tiles (min, max.) range, we detect exelliers (which are out of this range).
•	
9	outlier treatment
•	trimming capping (In this technique capping is called winsorization.)
•	called windows to copping is
•	
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