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02			<b>3</b>
(a)	Bin NO.	Valus.	Smalth by means.
	1	13,15,16	14 67, 14 67, 14 67
	3	20,21,22	21,21,21
	5	22,25,25. 25,25,25.	24,24,24
	7	30,35,33 35,35,35	35,35,35.
	8	35,36,40,45	40 33, 40.33, 40.33
		<del>48</del> ,46,52,70.	54, 56, 56.

2 Deare normalization = V- A

 $T_A = 12.94$  V = 35Mean = 29.592

Zscore a 35 - 35 - 29592 12.94

= 0.4179

1811037 Bagging is also known as Bootstrap sggregation It awages the prediction from the collection of various classifiers used. I datosit D of n tiply for each iteration n tuples are sampled with replacent from D

I classifier model M from each Iteration is

learned for lach training set.

The bagged stat classifier N\* web voting method.

for continuous values we take average scuracy: Wes voting so better than single Do overall accuracy is better

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Q2c			A	<b>B</b>		
Court	X	4.	(2,-え)	$(\overline{y}_1 - \overline{y})$	(A) x(B) .	$(\chi_i,\bar{\chi})^{\frac{1}{2}}$
		See Anna Control of the Control of t				(L) L
 1	O	1	-1.375	-1-375	1.891	1.841
2	1	1.9	-0.375	-0.475	0.178.	0.141
3	2	3.2.	0.625	0.825	0.516.	0.391
 4	2.5	.3.4.	1-125.	1.025	1 153	1.266.
Dun	5.5	9.5.			3738	3.689
Mean. 1	375	2 375.				

Formula:

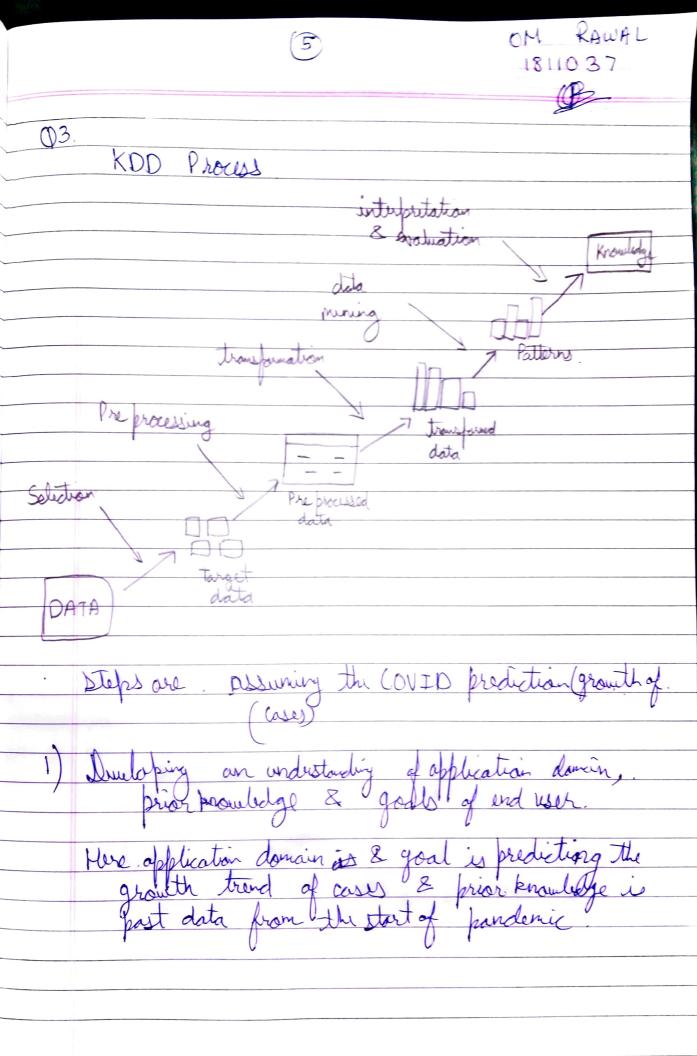
$$b = \frac{\mathcal{Z}\left(\chi, -\overline{\chi}\right)(y, -\overline{y})}{\mathcal{Z}\left(\chi, -\overline{\chi}\right)^{2}}$$

Solution:

$$b = \frac{3.738}{3.689} = 1.0134$$

$$\alpha = 9 - 6 \hat{\lambda} = 2.375 - 1.0134 \times 1.375$$

$$= 0.982$$



ON RAWAL 1811037 2) Creating a target dataset.

the dataset will be patient infor who contract
the virus states country level. 3) data cleaning & preprocessing. Noise & authors like negative tested patients are removed. None, contact details ore unnecessary.
Missing data fields / test results are to be hardled. 4) Itata reduction & projection.

Remogning unwanted info like gender.

dimensionally reduced data as the number of.

tests night be in lakes. 5) Choosing data niving tash.

Moreover we might upl linear regression
to predict the cases over the next couple of.

months. b) Choosing clata miny algorithm.
we might consider the parameters foreign travel,
contact with suffected, health worker, etc. 7) Lata mining .

Me find the growth by proper regression metrod. 8) Interpreting the patterns: 1 hight increase ar decrease depending on the parameters.

Selected.

OM RAWAL 18110 37 03 represented using various data visualization Here in cost of COVID cases to we night have him graph, borchart on daily cases logarathmic chart of cumulature value of & also a file chart of active, secovered & deaths. X ....