1	
	Linear Regression Method:
	(niver 4t t year t?
-	1
	26 2 56 P
	29 3
	EYA = Ma+ bEt
	54+. t = 05++ b Et2
	find out a and b
	and calculate men day by y=a+bt
	The second of th
_	can handle trend data
). /*·';	1 3 3 18 11 6 1 11 1 1 1 1 1 1 1
_	moving any for applied in constant
	data.
	Grand
*	Exponential smoothing
la i	model where the prediction is weighted
	sum of past observations
	-> use exponentially & weights for part obser-
	3 type
0	Single Exponential Smoothing (ETS)
	· Without trends or seasonality
	· smothing factor (x) -> control the state
	at which the influence of the observation
	at Other time stems doon prome time
	Large (a) -> model pay attension mainly to
	much storage plant mainly to
A CONTRACTOR OF THE CONTRACTOR	Small (M) -> more of history taken into account
A TORK	- Slaw Computation
Wile.	Carry accessions

Page:

Giwen	Date: Page:
	Fx Fx+1 = Fx + x (A+-Fx)
1 39	12 (12 - 12 + 2 (12 - 12)
2 94	F2+1= XA+ (1-X) F4
3 40	L'arrange telaste
4 45	• Let x = 0.2
5 38	F+1=002A++00BF4
8 93	o Let FI = AI
7 39	Fe = 0.2 A7 + 0.0 F7
	G 2 2114 + 0.0 F 1
:4/t n	The state of the s
2)	Double Exponential Smoothing
	or with although the
	Holt's method -> Charles holt
wat, air	ar in a constant side of the property
9 -	-> extension of simple Exponential
	gmoothing that explicity adds
	support for trends.
La tolling	
	Lo smoothing factor for slop (trend)
real and	Smoothing factor for level
	Ferrage + be
1	Q = X D++ (1-X) F+
	be = B(Qe-Qe-1)+(1-B)be-1
Sharper	Let 0=0.2 - 1/2 B=0.3
- 6M13	$a_1 = B_1 = 26$, $b_1 = B_6 - B_4 = 35 - 26$
Mary Mary Mary Mary Mary Mary Mary Mary	series = 26,28,29,31,32,35 5
7.50	The contract was borney for the said the
W.	To the same of the
2	The think the state of the stat
	Scanned with CamScanner