	LINEAR	RE	GRES	SION		
	[Equation]					
			•			
Control Manager II	y = mX + b					
	Y= dependent variable (to pedie X= independent variable (nox/cong					(1)
	X=independent Variable (nox/cons					
	m= slope of line (how much y char					nge
	with a unit charge					in
	b= intercept (The value of Y when X is)					b)
	Example: Predic Pizza prices Step 1: Data collection					
	Step 1: Data collection					
	Step 2: Calculation					
	Step 3: Prediction					
	step 4: Visualization					
		A A Car O	Mean	Deviation	product destations	Sumot
	Digmeter Price	Mean (X)	(y)	(X)	deviations	of deviation
				a L	4.	12
	8 10	10	13	-2	6	
	10 13			0	6	
	10 16	A Commence		Deviation	Square Heviation	toot of
				1/2/	1 4	
				1-3-	110	
		and the Same		10	· 4	

