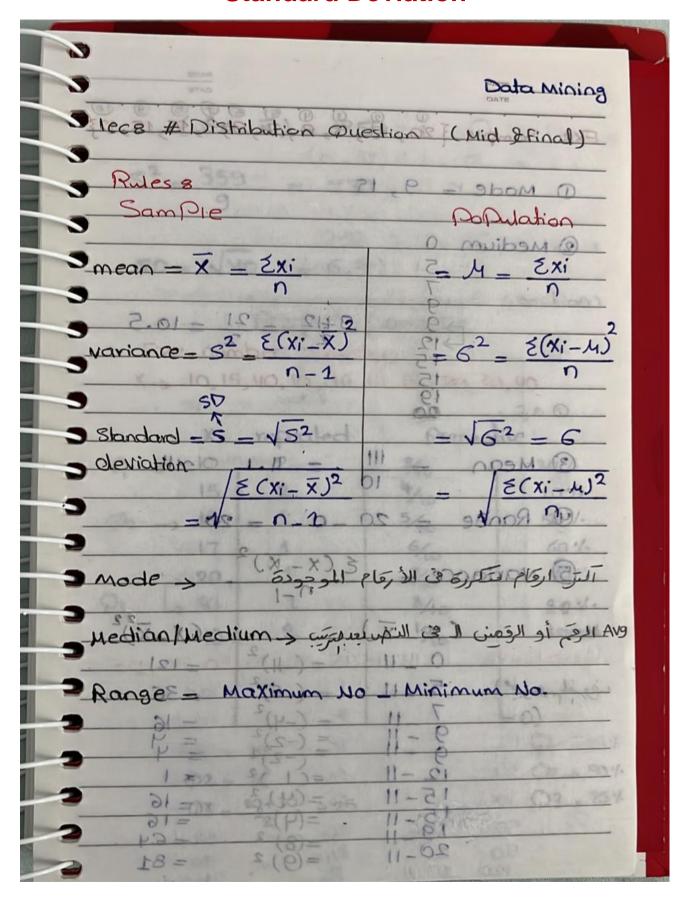
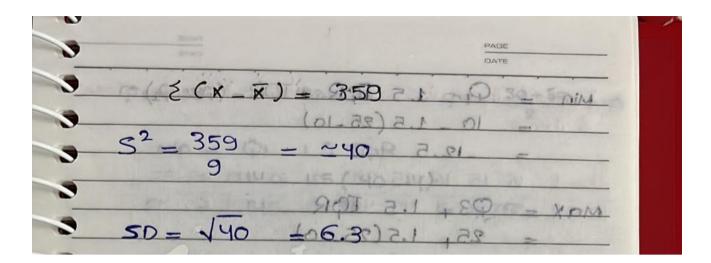
Standard Deviation



Exs Sample [20, 19, 5, 0, 7, 9, 9, 15, 15, 12]
D Mode = 9, 15
@ Medium 0 ix3 _ N _ 5
$\frac{9}{(M-iN)^{\frac{3}{2}}} = \frac{9}{15} = \frac{9}{15} = \frac{21}{2} = 10.5$
15 15 19 00 00 00 00 00 00 00 00 00 00 00 00 00
3 Mean = 111 = 11.1 ~ MHOIVOLO
9 Range = $20 - 0 = 20$ 6 Variance = $\frac{\xi(x - x)^2}{n-1}$
$(x - \overline{x})$ $(-11)^2 = (-12)^2$
$\frac{(0-\frac{1}{2}) \cdot \sqrt{5} \cdot \sqrt{11}}{(0-\frac{7}{2}) \cdot \sqrt{5} \cdot \sqrt{11}} = \frac{(-4)^2}{(-2)^2} = \frac{16}{4}$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$

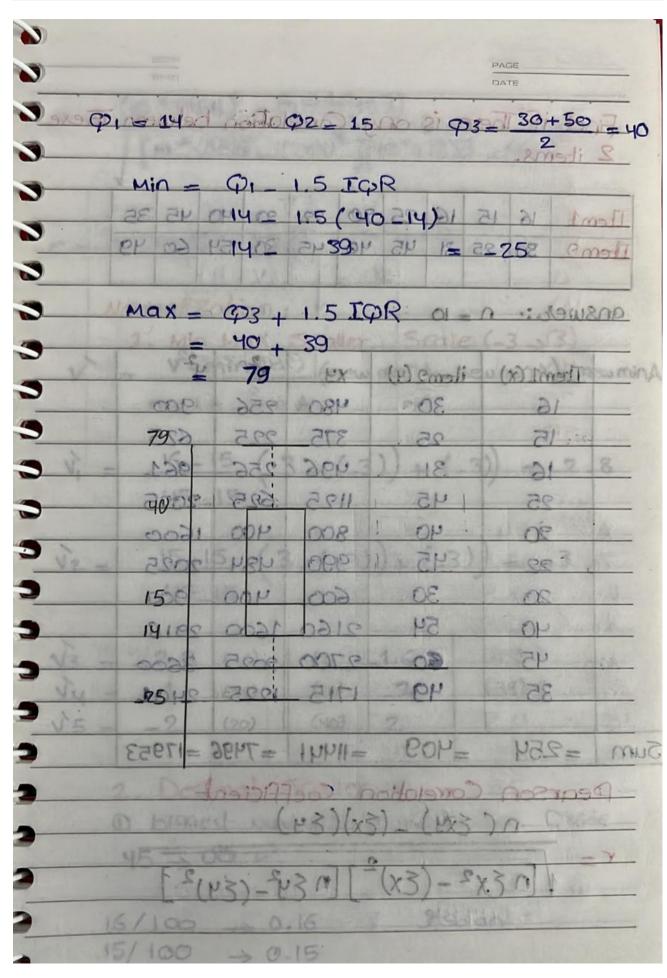


Boxplot Percentile

•		Presentile				
Five number Summary.						
$X \rightarrow 10,15,40,10,16,17,15,20,30,40.$						
9 . 79	lacel #s	- Inc	۵۵,ت			
3 X	repeated	Prese				
3 0 > 10	10 x02 201	2/10	20%			
15	2	4/10	40%			
92 - 16	1	5/10	50./-			
3 1517	1	6/10	60.1-			
3 20	1 1	7/10	70%			
\wp_3 \wp_3 \wp_3	1	8/10	80.1.			
40	2	10/0	100%			
3 000 00 00	15-70-30 5	10 14 15	Onestion 8			
1.01	100		milals			
1.00			41 4 0			
9 12	= 10 ×	9	21 0, 25.1.			
	Sho 31 =	1	0° Q2 > 50.1.			
	20+30 = 25	I William	os Q3,75%			
3 .1.08	2 018	1	93 50			
30.1.08	8/10	1	06			

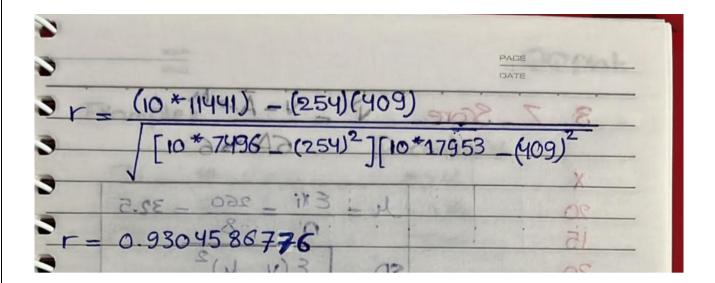
63/33	WATER	The sales			12000	
- TARIN GARAGE					DATE	-
Min =	O.	1 5 TO	30	TOR -	(Ø3 - Ø1)	36
- MIL) =	10 -	1.5 (25	The same of the sa		(+3-+1)	4
0 40	_12		p~	_ 6	92 - 359	_
The Court of the C					6	
Max =	Ф3+	1.5 I	GR			
-	25+	1.5 (2	5-10)	- 01	2D = 45	_
cardo	47.					-5
	9/2	present	-10/G	POXI		-
47 T		1 60	Summ	ber.	Five Our	-
	20,30	17.19	91 10	21,04	21,01 < X	-
25		0	1 1		234	
9/	idna29	(4)	pale	sedes.	Nati	-
16 -		4	3	< box (21	-2
-\10	Las	110	2 6	1	81 6	5
1.09		19		1	T1:	5
10%	drieso	77	343	1	0341	-
-1205		18		1	20	-
1.001		SOI W	1	9	OK.	_
Question	08 1	0, 14, 15,	15,15, 2	0,30,	50,90,120	2
- July W	0	1	10	CL KEYE	10./-	6
$-\varphi_{l} \rightarrow 1$	14	1	310	S-RIT	20./.	2
1.3002 1	5	3	3/10	707	50 %	2
	20	1	6/10	24	60 %	-0
000	30	1	1/10	08.803	70 %	-
		1	8/10		80 1.	_=
	20 1	L	9/10		90·1·	

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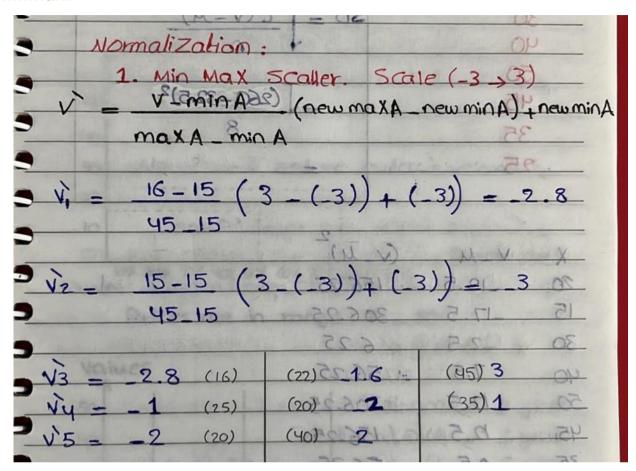
Correlation

THE IS				No.		•
	- Waran				PAGE	6
ON FIRE	y if The	re is on	y Corre	lation	between	These 6
	tems.		Mes se			-
		9	IS TO	in	- gim	
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Ilem'	2 30 2	5 31 45	40 45	301 115	4 60 49	
	40.0	25, 11	194 10	000	1 0	
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	15	25	480 375	256 225	900	
	16	31	496	256	961	
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-	40	54	2160	1600	2916	2
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5um	=254	=409	=11401	-7496	=17953	
	orson		The base of the second			
	Pearson Correlation Coefficient n(EXY) - (Ex)(EY)					
	$\sqrt{\left[n \xi x^2 - (\xi x)^2\right] \left[n \xi y^2 - (\xi y)^2\right]}$					
	10				69.4	2
A Contract					. No.4.	0
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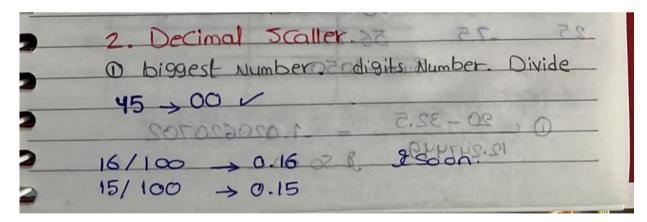


Normalization

Minmax:



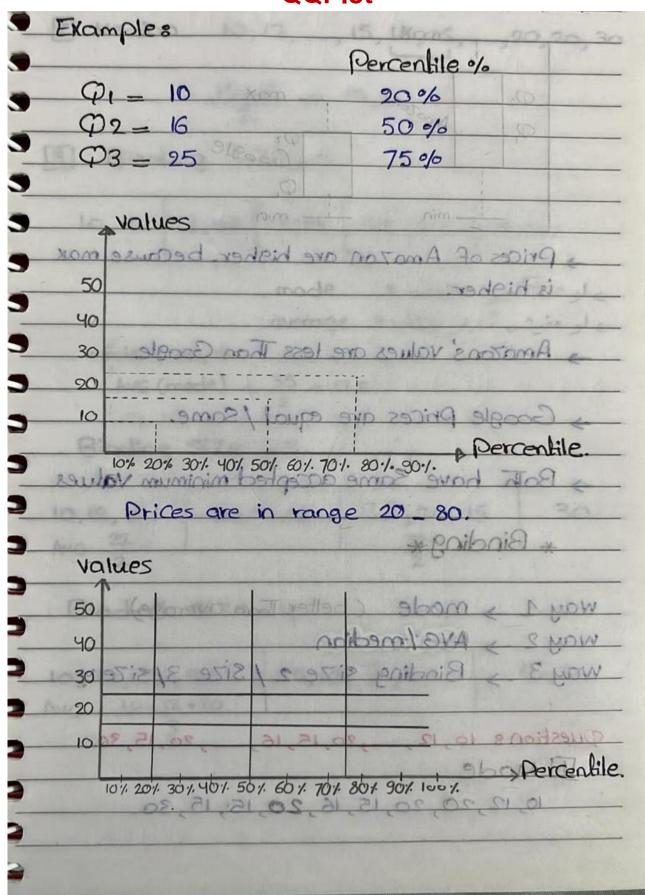
Decimal Scaller:

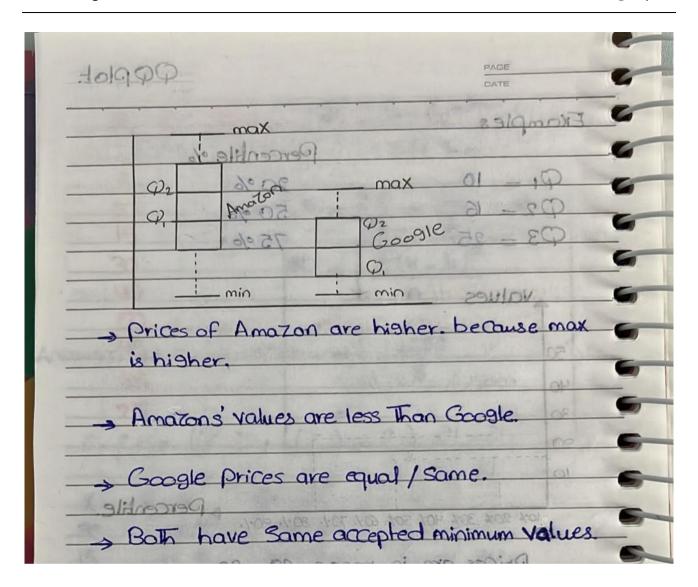


Z-Score

3 7 Save (POW)(Pag) - A+>(M* OI)
[10 37876A3(254)27[10 47953 M09)2
X
20 Ju = Exi = 260 = 32.5
15 3xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
$SD = \left[\xi (v - \mu)^2 \right]$
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0 1 - 16 - 15 (3) - (3) - 9.8
2 21 31
X V-M (V-W)
20 8 12.5 (8) 156.25.) 8) 31-31 - 4
15 _17.5 306.25 dl dr.
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40 87.5 56.25
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QQPlot





Binning

