$$MD_{AM} = \frac{\sum_{i=1}^{n} f_{i} |x_{i} - AM|}{\sum_{i=1}^{n} f_{i}}$$

$$MD_{Mo} = \frac{\sum_{i=1}^{n} f_{i} |x_{i} - Mo|}{\sum_{i=1}^{n} f_{i}}$$

$$MD_{Me} = \frac{\sum_{i=1}^{n} f_i |x_i - Me|}{\sum_{i=1}^{n} f_i}$$

Co-efficient of Mean Deviation is

$$CMD = \frac{MD_{Base}}{Base} \times 100\%$$
; $Base = AM, Mo, Me$

$$\sigma = \sqrt{\frac{\sum_{i=1}^{n} f_{i} x_{i}^{2}}{\sum_{i=1}^{n} f_{i}} - \left(\frac{\sum_{i=1}^{n} f_{i} x_{i}}{\sum_{i=1}^{n} f_{i}}\right)^{2}}$$

Co-efficient of Standard Deviation is

$$CSD = \frac{SD}{AM} \times 100\%$$

Interquartile Range is

$$IQR = Q_3 - Q_1$$

Co-efficient of Interquartile Range

$$CIQR = \frac{Q_3 - Q_1}{Q_3 + Q_1} \times 100\%$$

57.5-61.5 61.5-65.5 65.5-69.5 69.5-73.5	61.5-65.5 63.5 65.5-69.5 67.5		Frequency (f) 6 9 11 16 8	f*ABS(x - AM 53.28 43.92 9.68 49.92 56.96	f*ABS(x 69. 67. 38. 7.3	24 86 94 36	f*ABS(x - Median) 57.84 50.76 18.04 37.76 50.88	f*x 333 535.5 698.5 1080 572	f*x^2 18481.5 31862.25 44354.75 72900 40898	u = (x - 63.5)/4 -2 -1 0 1	f*u -12 -9 0 16 16	f*u^2 24 9 0 16 32	z = (x - AM)/SI -1.770864493 -0.9731777844 -0.1754910759 0.6221956327 1.419882341
		Sum	50	213.76	219	.08	215.28	3219	208496.5		11	81	
A 1:1 .:	64.00												
Arithmatic mean Mode =	67.04												
Median =													
MD (AM) =	4.2752												
MD (Mode) = MD (Median) =	4.3816												
Co-efficient of M			6.64%		IQR = Q3	-Q1							
Co-efficient of MD (Mode) =		6.54%		CO-IQR =	=								
Co-efficient of M	ID (Med	ian) =	6.61%		Z-Score								
SD (Direct) =	5.0145	38862											
SD (Code) =	5.014538862												
a = 63.5, h = 4													
Co-efficient of SI	D =		7.79%										
So cifferent of Si			7.7570										
										81 60.38 8 8 1 X 1 8 3 + B1		z = (x - AN)/SD
- 1400	1	,	11 000 1	4.	Las .	1 4 x;	A:27	- 12 -	= 03	60.36		-1.770864 -0.973177	
Clay Bonds	n	4	but x-AM)	abs (n-mo)	aus (n- mg		10401	IBK	- 68.3	56	50 %.	-0.175491 0.622195	076
3-57.5	55.5	6	93.28	69-24	52.84	333	18481.5		18	0,3 81		1.419882	
7-5-61.9	59.5	9	43.92	38.94	18.09	698.5	44 354 -75		00=	83)	1-x
1 -1 - 0 ()	3.5	ч	9.68	20 100 100 100 100 100 100 100 100 100 1	37.76	1080	72900		19-105			2:	
9.5 -69.5	7.5	16	49-92	7.36	50.88	572	40898					E	-
9.5-73.57	B. 5	8	COLUMN TO THE REAL PROPERTY OF THE PERTY OF	39.00			2284885						
		2 f = 50	5 film- AM = 213-76	219200	215.28		1084% -5						
MD = 64	· 38 213 5	19.08 19.08	$ \begin{array}{c} $	ME = .	65.14		00% = 6						