REPRESENTATION OF DAT	
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Frequency distribution table:

ત્ર	i	2	3	4	5	
f_	4	7	2	9	4	

Mean: 
$$\overline{X} = \frac{2f_{x}}{2f} = \frac{(4x1) + (7x2) + (2x3) + (9x4) + (4x5)}{26} = 3.08$$

Median: Make the cumulative frequency table

Median = 
$$\frac{1}{2}(n+1) = \frac{1}{2}(26+1) = \frac{27}{2} = 13.5 \text{ th observation}$$
  
= 3.5

Mode: Most-frequently occurring value

= 4

Variance: 
$$\Sigma fx^2 - (x)^2$$
 or  $\Sigma (x-x)^2$  or  $\Sigma x^2 - (x)^2$   
 $\Sigma f$  n n n  
 $\sigma^2 = (4x1) + (7x4) + (2x9) + (9x16) + (4x25) = 1.82$ 

Standard Deviation = 
$$\delta = \sqrt{0.82}$$
  
=  $\sqrt{1.82}$ 

CONTINUOUS TABLE (FREQUENCY DISTRIBUTION TABLE)								
timel + min)	0 ct 615	15 < + < 30	306 t 60	60 C + 6 90	90 6 46120			
no of meetings	Ч	7	24	38	7			
midpoints	7.5	22.5	45	75	105			
Mean: X =	Efz = (4x	7.5)+(7×22.	5) + (24×45 80	) + (38×75)	+(7×105)			
	= 60	<b>n</b>						
	_ 60	. ,						
Variance: $\Sigma t$	$\frac{x^2-(\overline{x})^2}{1}$	= 0-2						
Standard Deviation	n = 102							
Node: Highest	frequency demodern with the equency demint	sity -> frequer clan highest y is the moda	ncy , re y width	1 for the first	class			
Median: Lower	class boundary	$+\left(\frac{\frac{n}{2}+Cun}{Fre}\right)$	nulative freque	ncy) x dan	s width			