From where	Mode (Mo)	Median (Md)		Weighted mean	
			Mean (Λ)= average		
Calculation	- Most frequently	It is the middle value	W mean=W1 X1+ W2 X2+ W3 X3++ Wk Xk ÷ W		/1+ W2+ W3+ +Wk
	- highest frequency	in ordered data			
		(from the lowest to			
		the highest values).			
		-Divided the			
		observations into	N		
		two balves			
		two naives .	Σ = sigma =summation		
		$M_{-}(n1) $	X = value of observation		
			N = NO. of observation		
Characteristics	1-Requires no	1- It is always existed	1- Relatively easy to handle	N	
Advantages and	calculation just				
Disadvantages	counting	2- It is always unique,	2- It is always exist		
		there is one and only	3- It is always unique, there is one and only one Mean		
	2- It may not exist (No	one Md .			
	Mode)	3- It is not affected by	3- It takes into account even	ry item in a set of data	
	3-It is not necessarily	two extremes, not	4- It uses all of the information in the data set.		
	be unique there may	sensitive by two	5- affected by skewness in the in the data set		
	be one mode unimodal	extremities .			
	in a set of data	4- Not affected by	6- affected by presence of outliers		
	Bimodal. Tri modal	skewness in the	7 it can not be used with the ordinal date		
	,	distribution or Not	8- It is affected by the two extremes by a very small or a very large value ,		
	It is the only measure	affected by presence			
	of central tendency	of outliers	It is sensitive to the extremes		
	that can be used for	5- It is discard a lot of	9- this may produce a mean that is not very representative of the general mass of data		
	qualitative data	information because it			
	4 -Mode is not	ignores most of the	(disadvantage)		
	practically useful with	values apart from			
	the metric continuous	those in the center of	numbers, so they cannot be added or divided) (disadvantage)		
	data (Disadvantages)	distribution	, , , , , , , , , , , , , , , , , , ,		
		(Disadvantages)			
Used for	- Nominal	- Ordinal	- Continuous		
	- Ordinal	- Continuous	- Discrete		
	- Discrete	- Discrete			