

S12 - 0.0 - Graphs

Frequency Table (Distribution)

Range %'s*	Frequency	Tally	RF %
0 - 20	1		$1/18=0.0\bar{5}$
21 - 40	3		$3/18=0.1\bar{6}$
41 - 60	5		$5/18=0.2\bar{7}$
61 - 80	7		$7/18=0.3\bar{8}$
81 - 100	2		$2/18=0.1\bar{1}$
	<u>18</u>		<u>100%</u>

Lower Class Limits :

0,21,41,61,81

Class

Width

= 20*

Upper Class Limits :

20,40,60,80,100

Class Boundaries :

-0.5*,20.5,40.5,60.5,80.5,100.5*

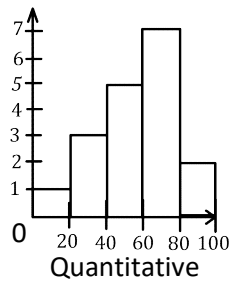
Overlap in Average the
lower! Range

Relative :
Frequency (%)

Class Midpoints :

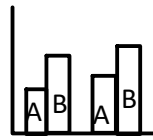
10*,30.5,50.5,70.5,90.5

Histogram



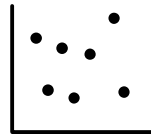
RF (% vertical axis)

Bar Graph / Multiple



Categorical
(Pareto :
High to Low)

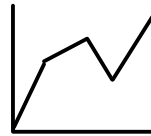
Scatter Graph



Pictograph



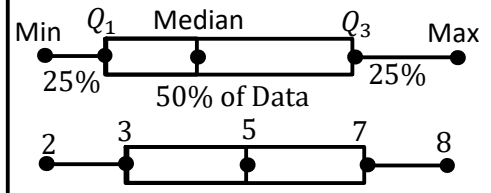
Line Graph/ Frequency Polygon



Stem Leaf Plot

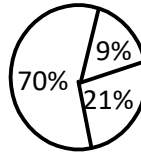
Stem	Leaf	Data:
0	9	9
1	1,2,7	11,12,17
2	0,5	20,25

Box and Whisker Plots



2,4,5,6,8

Pie Graph



$$\frac{9}{100} = 0.09$$

$$\frac{70}{100} = 0.7$$

$$\frac{21}{100} = 0.21$$

$$9 + 21 + 70 = 100$$