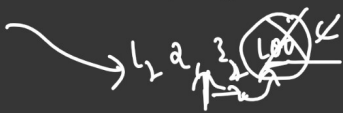


IQR

1, 2, 3



Mean

2

2.5

~~Mean~~ Meds

2

2.5

7

$\overline{A}, \overline{A}, \overline{B}, \overline{C}, \overline{A}, \overline{D}, \overline{A}, \overline{B}, \overline{D}, \overline{C}$

Frequency Distribution

Category

A

B

C

D

Frequency

4

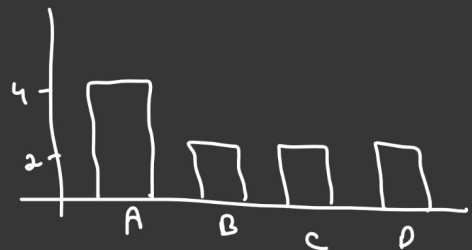
2

2

2

10

frequency



$$\text{Relative Frequency?} = \frac{\text{frequency of a value}}{\text{Total number of observation}}$$

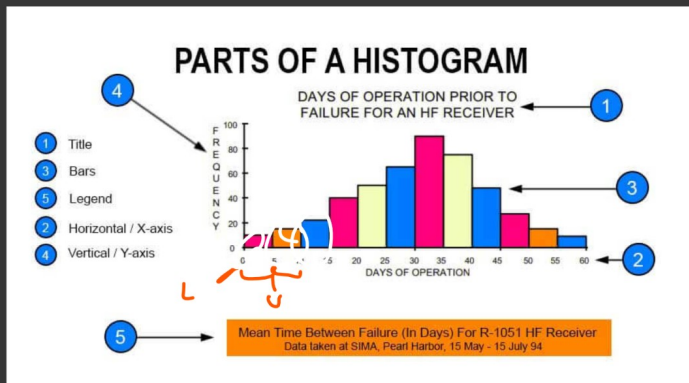
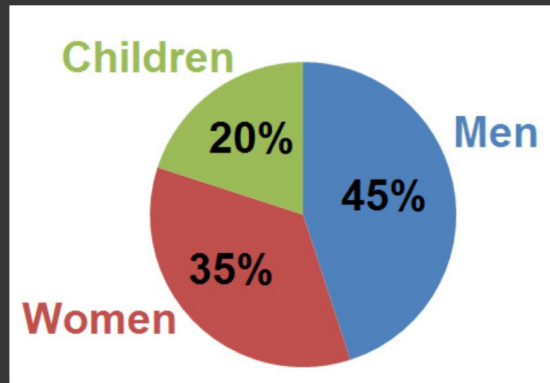
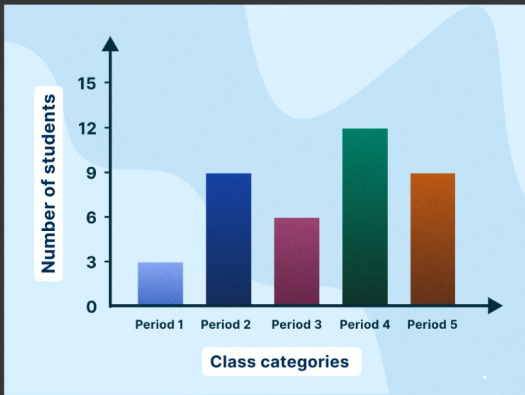
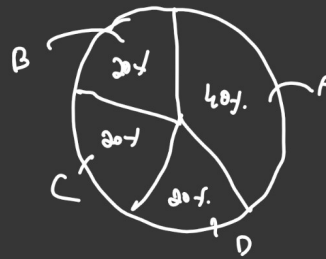
It is the proportion (or percentage) of times a particular value occurs compared to total number of observation

A, A, B, C, A, D, A, B, D, C

Category	frequency	RF
A	4	0.4
B	2	0.2
C	2	0.2
D	2	0.2
	<u>10</u>	<u>1</u> 100%

$$\frac{4}{10}$$

$$\frac{2}{10}$$



Low class limit - smallest value that could go in class
 Upper class limit - largest value that could go in class
 Class width - Lower - Upper

data = 12, 14, 14, 14, 16, 18, 20, 20, 21, 23,

27, 27, 27, 29, 31, 31, 32, 32, 34, 36

40, 40, 40, 40, 40, 42, 51, 56, 60, 65

min 12
 max 65
 Max - Min 53

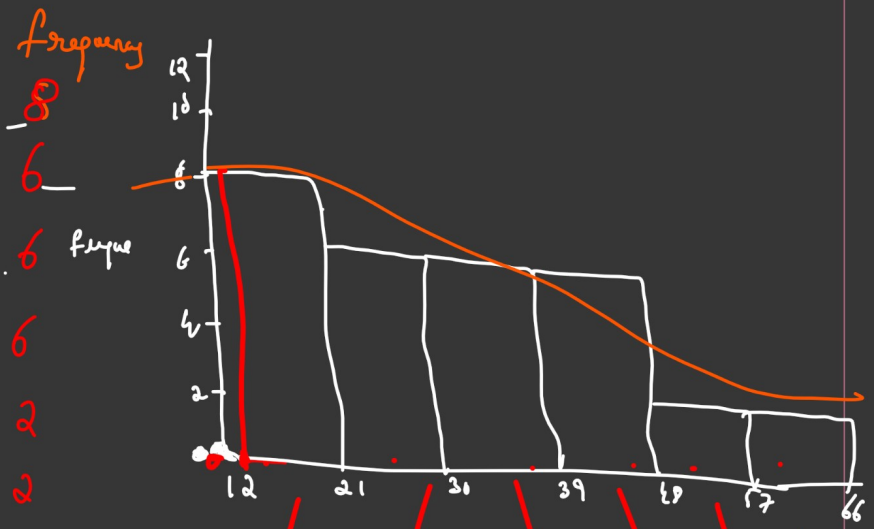
① range = 53 $65 - 12$

② $\frac{53}{6} = 8.8 \approx 9$

My choice 6 groups

③ $\frac{\text{class}}{12 - 21}$

- 21 - 30
- 30 - 39
- 39 - 48
- 48 - 57
- 57 - 66



~~histogram~~

