Population

Sample (n)

$$\mathcal{L} = \sum_{i=1}^{N} \mathcal{Z}_{i}$$

eg.

$$v_1 = [1, 2, 3, 4, 5, 6, 7]$$

$$= 28/7 = ?$$

\* 
$$v_2 = [2, 2, 4, 4, 6, 6]$$

$$= 2 = 2, 4 = 2, 6 = 2$$

$$multimode = (2,4,6)$$

$$* v_3 = [1, 2, 3, 4, 5]$$

## 3) Median = middle value

\* when count qualues is even

Step = 
$$T = [2, 3, 5], [6, 8, 10]$$

$$step II = \frac{5+6}{2} = \frac{11}{2}$$

$$max = 10$$

\* when dataset contains even non q values NI = [ 10, 5, 2, 3, 4,8] Sorted = [ 2, 3, 4, 5, 8, 10] 309 2nd 154 SAN 58'1. 251. 01. MOOK min 9/2 = 4.5 median

first holf = [2,3],4]

1st anable (meelin)= [3]

second half = [5,8), 10]
zod awardle (median) = 8

IGR = 8-3 = 5

## \* Quantiles

(3) Interquentile rounge (IBR)
= 3rd Quantile - 1st quantile