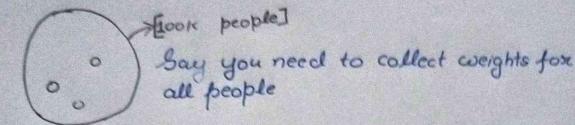
Population vs sample



Say I take tok sample > we do tests and deduce the weight of population

Population $\longrightarrow N$ Sample $\xrightarrow{Notation} n$

Measure of central tendency -
$$n$$
 (sample)

A Mean

 $u = \sum_{i=1}^{N} x_i$
 \overline{x}
 $\sum_{i=1}^{N} n_i$

2 Median

Step 2 > 50x1 the value

Step 2 > get central element >

even number of element >

Take avg. on middle 2

odd number of element

Take middle element

(3) Mode

Select element which has max frequency

eg: {4,3,2,4,3,1,7,4,5}

mode is 4

if 2 element has highest frequency both of them we considered mode