

1-Measure of central tendency

mean = sum/n

ex: 1,2,4,8 their mean is $(1+2+4+8)/4$

median : the number in the middle

mode : the most repeated number

2-measures of dispersion

range = biggest value - the smallest value

ex: 5,7,9,2 their range = 7

standard deviation = $(\text{the sum of } (X_i - \bar{X})^2 / (n-1))^{.5}$

3-quartiles: it is the process of dividing the data into four equal parts after arranging them

ex: 1,2,3,4,5,6,7

Q2 = 4

Q1 = 2

Q3 = 6