Statistics

data=[1,2,3,4,5]

mean( )

- It will perform the operation on list (float and integer) . Mean will take the sum of values and divide with the number of elements present in the list
- In other words it will take the average

harmonic_mean( )

- To find the harmonic mean of a set of n numbers, add the reciprocals of the numbers in the set, divide the sum by n, then take the reciprocal of the result.

median( )

- Taking the elements in sorted order and taking the middle element .
- If we are odd elements we can easily take middle number but if we have even number of elements it will take two middle numbers and add them . By adding them we get median. It will take the average

median_high( )

- If the number of list values is odd, it returns the exact middle value which is higher .

median_low( )

- It will return the lower middle value of the list