Thank you for attending this session.

Today I talk about percentile and quartile

I will go through some basic definitions, and then we will exercise some excel functions.

Definition of Median.

At least 50% of the observations are greater than or equal to median, and at least 50% of observations are less than or equal Median.

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1, 3, 4, 5, 6

The Median is 15, 3 numbers are greater or equal to the Median, and 3 numbers are less than or equal to the Median.

Percentile

Median is 50 percentile.

60 percentile, means at least 60% of data is less than or equal to this number and at least 40% of data is greater than or equal to it.

75 percentile, means at least 75% of data is less than or equal to this number and at least 25% of data is greater than or equal to it.

Percentile is sefined for all integer values from 0 (or greater than 0) to 100 (or less than 100)

50 percentile is call Median or second percentile

25 percentile is called first quartile

75 percentile is called third quartile