

CENTER

(Class Lecture in Statistics)

Part 3



Notation Σ Greek lettor sigmatised to denote the superior a satisfication. X is the main of a satisfication.

- *x* is the variable usually used to represent the data values.
- *n* represents the number of data values in a sample.



=1300

Example of Sample Mean • data Notesale, of 46 preview 25,22,48,53,62,62,64 Then:

$$\overline{x} = \frac{21 + 25 + 32 + 48 + 53 + 62 + 62 + 64}{8}$$
$$= \frac{367}{8} = 45.875 \approx 45.9$$

3.1 - 20

Median Median Median Notesale.co.uk the measure of zonter which is the middle value when the original data values are arranged in order of increasing (or decreasing) magnitude

often denoted by x (pronounced 'x-tilde')

is not affected by an extreme value - is a resistant measure of the center

Mode the value of a lotesale.co.uk the value of a lotesale.co.uk

Data set can have one, more than one, or no mode

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