Measures of Dispersion:

As we know that average indicates representative value of the series around which other value of the series tend to converge. So that average represents the series as a whole. To know how far the various values of the series disperse from each other. we study dispersion. This study called measures of Dispersion.

* Difinition.

→ According to Dr. Bowley, "Dispersion is the measure of the variation of the items."

→ In the ~~other~~ words of Spiegel.
" The degree to which numerical data tend to spread about an average value is called the variation or dispersion of the data."

Objectives Related to the Measurement of Dispersion.

Following are some specific objectives related to the measurement of dispersion:

(1) To know the variation of different value of the items from the average value of a series.

(2) To know about the composition of a series or the dispersal of value on either sides of the central tendency.

(3) To know the range of value (i.e., difference between the heighest and the lowest value)

(4) To compare the disparity between two or more series in order to find out the degree of variation.

(5) To know whether the central tendency truly represents the series or not.

Thank you.