Summary

Standard learnt the following concepts from this lecture.

- Standard deviation is the most powerful measure of dispersion.
- Standard deviation is given by $\sigma = \sqrt{\dfrac{\sum fi(xi - \bar{x})^2}{N}}$ where N is the total frequency $\sum fi$.
- The square of the standard deviation is known as the variance.
- The ratio of the standard deviation to the mean is known as the co-efficient of variation.
- There are the concepts learnt from this lecture.