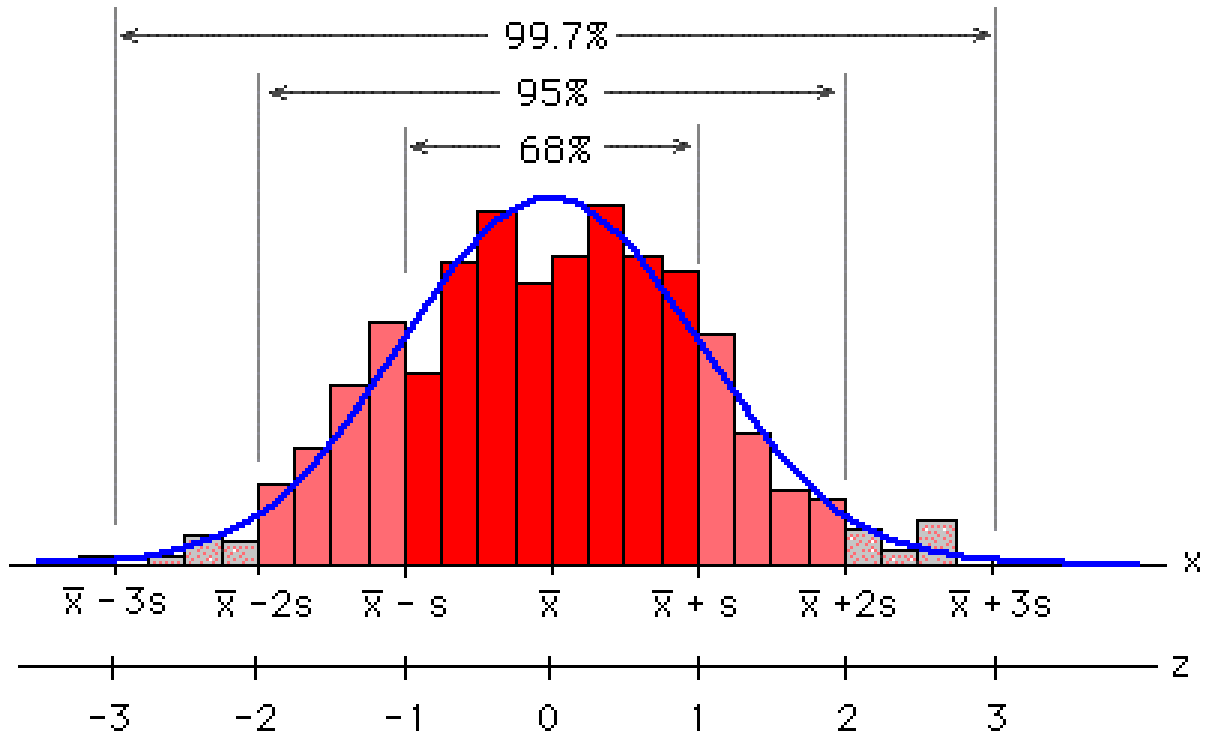


Statistics

Empirical Rule



\bar{X} with bar on top stands for the mean.

S stands for standard deviation

68% of population are within

- 1 standard deviation + the mean
- 1 standard deviation - the mean

95% of population are within

- 2 standard deviations + the mean
- 2 standard deviations - the mean

99.7% of population are within

- 3 standard deviations + the mean
- 3 standard deviations - the mean