

CHAPTER OVERVIEW

Chapter 2 Lecture Notes

In this Chapter, we will learn to summarize quantitative data graphically and numerically.

At the end of the chapter, students should be able to:

- Display data graphically and interpret graphs: stemplots, histograms, and box plots.
- Recognize, describe, and calculate the measures of location of data: quartiles and percentiles.
- Recognize, describe, and calculate the measures of the center of data: mean, median, and mode.
- Recognize, describe, and calculate the measures of the spread of data: variance, standard deviation, and range.

[Ch 2.1 Stemplots and Dotplots](#)

[Ch 2.2 Histogram](#)

[Ch 2.3 and 2.4 Percentile, Boxplot and Outliers](#)

[Ch 2.5 and 2.6 Measure of Center and Skewness](#)

[Ch 2.7 Measure of Spread and Variation](#)

[Chapter 2 Lecture Notes](#) is shared under a [not declared](#) license and was authored, remixed, and/or curated by LibreTexts.