

## Read Chapter 1 of Textbook

Read chapter 1 of the textbook and take notes. You should complete the check your understanding problems throughout the chapter as you take notes. Your notes will be submitted the first Friday of class. They may be paper or digital notes. You can access the first chapter using the short link below. You must be signed into your school email address to have access to this chapter.

<https://tinyurl.com/vy4hbpr>

## Vocabulary (Due the first Friday of classes)

Use online resources or print resources to find appropriate statistical definitions of each of the following terms. You may find it helpful to include a picture with some of your definitions. Quizlet is a great place to start!

1. 5-Number summary
2. 68-95-99.7 Rule
3. Area Principle
4. Bar chart (Relative Frequency Bar Chart)
5. Bimodal
6. Categorical Data
7. Categorical data condition
8. Center
9. Conditional distribution
10. Context
11. Contingency table
12. Data
13. Data Table
14. Distribution
15. Dotplot
16. Frequency Table (Relative Frequency Table)
17. Gap
18. Histogram
19. Independence
20. Interquartile Range (IQR)
21. Marginal distribution
22. Mean
23. Median
24. Mode
25. Nearly Normal Condition
26. Normal model
27. Normal percentile
28. Normal probability plot
29. Outliers
30. Parameter

31. Percentage
32. Pie Chart
33. Population
34. Qualitative Variable
35. Quantitative Variable
36. Quartile
37. Range
38. Rescaling
39. Resistant measure
40. Sample
41. Segmented bar chart
42. Shape
43. Shifting
44. Skewed
45. Spread
46. Standard deviation
47. Standard Normal model
48. Standardized value
49. Standardizing
50. Statistic
51. Stem-and-leaf display
52. Symmetric
53. Tails
54. Uniform
55. Unimodal
56. Units
57. Variable
58. Variance
59. Z-score