

# Lesson 3: Describing Quantitative Data: Shape

## Preparation

**Directions:** Please fill in Part I as you study the Reading Assignment. Once you finish the reading, complete the questions on Part II. You may use your notes, the key, and the help videos. Be sure to take this completed assignment to your group meeting where you can ask and help answer questions on this assignment.

### Problems

**Part I:** Use the information in the reading assignment to complete these questions.

1. Provide a definition and/or a brief description of the following terms.

Mean -

Median -

Mode -

**Part II:**

2. The following data set are data on stock performance of specific companies. Find the mean, median and mode for each of the companies A-E. Click on the link to access this data set. (MysteryInvestmentOpportunities)
3. Make a histogram of the stock performance data for each of the companies. Paste your graphs here.
4. Compare the results you obtained with the others in your group. Describe the differences and similarities between the different graphs.
5. If you were saving for retirement, which of these five companies would be the most attractive investment? Justify your answer.