edX

Homework

Please answer the following questions. Be sure that you have downloaded the associated Excel file before beginning the homework. This lesson uses the **JulyHistogramsandSkewnessHW.xlsx** file.

*Remember that homework counts for 20% of your final grade. You are allowed **unlimited** attempts per question for homework problems. The main goal of homework is for you to practice and learn how to apply what you've learned in the content without worrying about getting the problem right the first time. Some homework problems may also provide hints or advice. Have fun!*

M1L2HW1

1/1 point (graded)

Using the IQ data in the **Problem 1** sheet of the homework spreadsheet, create a histogram with 15 bins. Group people with IQs less than or equal to 55 into one bin and those greater than 145 into another. The remaining bins should be of equal size.

Your histogram indicates that IQs are:

- ○ negatively skewed.

- ◉ symmetric. ✔

○ positively skewed.

Submit

✔ Correct (1/1 point)

M1L2HW2

1/1 point (graded)

Using the data in the **Problem 2** sheet of the homework spreadsheet, create a histogram for gold returns with 7 bins. Group year with a return less than or equal to -20% into one bin, and years with returns greater than 120% into a separate bin. The remaining bins should be of equal size.

Your histogram indicates that annual gold returns:

○ negatively skewed.

◉ positively skewed. ✔

○ symmetric.

Submit

✔ Correct (1/1 point)

M1L2HW3

1/1 point (graded)
Construct histograms for REIT, gold, and bond returns.

Based on these histograms, which order represents the spread about the mean from **largest to smallest**?

◯ REIT, Gold, Bonds

⦿ Gold, REIT, Bonds ✔

◯ REIT, Bonds, Gold

◯ Bonds, REIT, Gold

Submit

✔ Correct (1/1 point)