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Module 1 Quiz

Adapt 2

1/1 point (graded)

You know that a student's class is Freshman, Sophomore, Junior, or Senior.

The scale of measurement for student's class variable is:

☐ Nominal

☒ Ordinal ✓

☐ Interval

☐ Ratio

Submit

You have used 1 of 1 attempt

Adapt 7

1/1 point (graded)

Level in Job Role (Entry, Intermediate, Expert)

Data Type:

☒ Discrete ✓

☐ Continuous

Submit

You have used 1 of 1 attempt

Adapt 8

1/1 point (graded)

Level in Job Role (Entry, Intermediate, Expert)

Scale of Measurement:

☐ Nominal

☒ Ordinal ✓

☐ Interval

☐ Ratio

Submit

You have used 1 of 1 attempt

Adapt 11

1/1 point (graded)

Income (Selected from a range of options, such as less than \$50,000, \$50,000-\$100,000, etc.)

Data Type:

☐ Numerical

☒ Categorical ✓

Submit

You have used 1 of 1 attempt

Adapt 12

0/1 point (graded)

Income (Selected from a range of options, such as less than \$50,000, \$50,000-\$100,000, etc.)

Scale of Measurement:

☐ Nominal

☐ Ordinal

☒ Interval ✗

☐ Ratio

Submit

You have used 1 of 1 attempt

Adapt 18

1/1 point (graded)

Using the data in Module 1_Quiz Data_Stocks.xlsx, answer the following question.

What is the skewness of IBM stock returns rounded to the nearest 3 decimal places?

☐ -.359

☒ -.685 ✓

☐ .703

☐ 1.196

Submit

You have used 1 of 1 attempt

Adapt 23

0/1 point (graded)

Using the data in Module 1_Quiz Data_Stocks.xlsx, answer the following question.

Which stock exhibits the least variability?

☒ 3M ✗

☐ GE

☐ IBM

☐ Intel

Submit

You have used 1 of 1 attempt

Adapt 32

1/1 point (graded)

Using the data in Module 1_Quiz Data_Stocks.xlsx, answer the following question.

The 95%ile of 3M monthly returns is approximately:

☐ 3.9%

☐ 8.4%

☒ 11.1% ✓

☐ 12.39%

Submit

You have used 1 of 1 attempt

Adapt 36

0/1 point (graded)

Using the data in Module 1_Quiz Data_Stocks.xlsx, answer the following question.

Create a histogram with 8 bins for each of the stocks. Based on this visualization, how would you describe the distribution of 3M stock returns?

☒ Bimodal ✗

☐ Positively skewed

☐ Negatively skewed

Submit

You have used 1 of 1 attempt

Adapt 40

0/1 point (graded)

Calculate the average rate of return for each of the stocks in Module 1_Quiz CAGR.xlsx file since 2007.

Which stock had the lowest rate of return?

☒ 3M ✖

☐ GE

☐ IBM

☐ Intel

Submit

You have used 1 of 1 attempt

Adapt 53

1/1 point (graded)

Using the data in Module 1_Quiz Data_BoxPlot.xlsx, create a box plot and then answer the following question.

Which stock's monthly returns has the highest median? Base your response on the visualization.

☒ Dell ✔

☐ INTC

☐ MSFT

☐ NT

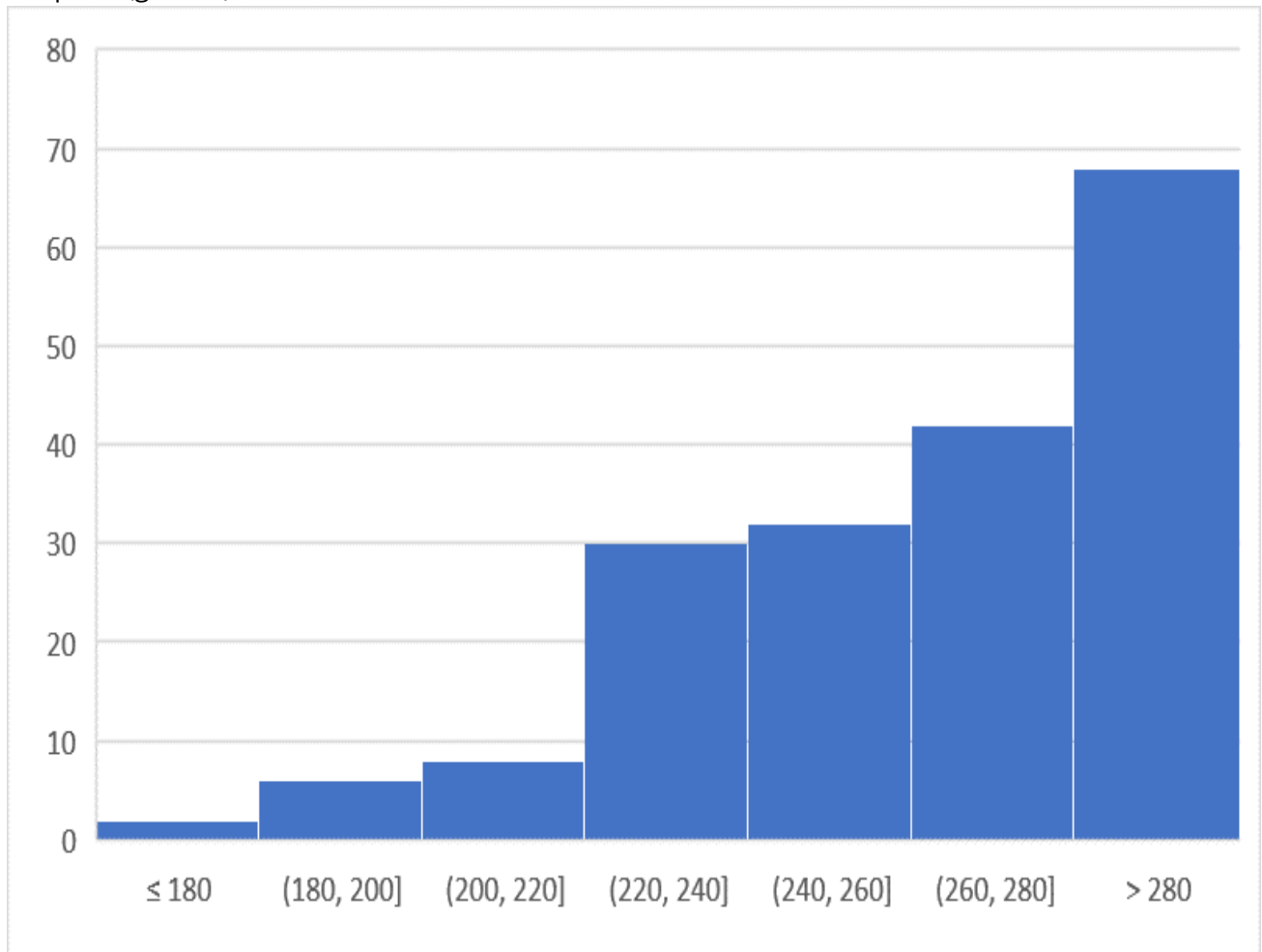
☐ PFE

Submit

You have used 1 of 1 attempt

Adapt 57

1/1 point (graded)



How would you describe the distribution of the data in the histogram above?

- ☐ Bimodal
- ☐ Symmetrical
- ☐ Positively skewed
- ☒ Negatively skewed ✓

Submit

You have used 1 of 1 attempt

Adapt 61

1/1 point (graded)

You are analyzing a spreadsheet that lists the name of each product and the revenue that each generated in 2017 for that product. You have been asked to identify where your company should prioritize for resource assignments. Which graphic would work best for this purpose?

☐ Histogram

☐ Boxplot

☒ Pareto chart ✓

☐ Sunburst chart

☐ Tree map

Submit

You have used 1 of 1 attempt

Adapt 63

1/1 point (graded)

Using the data in Module 1_Quiz Data_Pareto.xlsx, create a Pareto Chart illustrating the complaints that your organization has received over the last 6 months, and then answer the following question.

Based on the Pareto chart, what would you recommend that your organization focus on to drive increased customer satisfaction? Choose all that apply.

☐ Can't find clothes

☐ Can't find right size

☐ Clothing faded

☐ Clothing shrank

☒ Parking

☐ Poor lighting

☒ Sales rude

☐ Slow check out



Submit

You have used 1 of 1 attempt

Adapt 69

1/1 point (graded)

The table in Module 1_Quiz Data_Income.xlsx shows the mean and median income for Americans over several years.

In which of the following years was the typical American doing the worst financially?

☐ 2011

☒ 2012 ✓

☐ 2013

☐ 2014

Submit

You have used 1 of 1 attempt