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 **JulyDefiningDataHW.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!*

M1L1HW1

2/2 points (graded)
Classify the data type and scale of measurement for the following variable: **your favorite fast food chain**

Classify the data type:

○ Numerical

◉ Categorical ✔

Classify the scale of measurement:

○ Ratio

○ Interval

◉ Nominal ✔

○ Ordinal

Submit

M1L1HW2

2/2 points (graded)
Classify the data type and scale of measurement for the following variable: **your shoe size**

Classify the data type:

◉ Numerical ✔

○   Categorical

Classify the scale of measurement:

○   Continuous

◉   Discrete ✔

Submit

M1L1HW3

2/2 points (graded)
Classify the data type and scale of measurement for the following variable: **a company's percentage profit margin**

Classify the data type:

◉   Numerical ✔

○   Categorical

Classify the scale of measurement:

- ◉ Continuous ✔
- ○ Discrete

Submit

M1L1HW4

2/2 points (graded)

Classify the data type and scale of measurement for the following variable: **Level of education: Some High School, High School Graduate, Some College, College Graduate**

Classify the data type:

- ○ Numerical
- ◉ Categorical ✔

Classify the scale of measurement:

○ Ratio

○ Interval

○ Nominal

◉ Ordinal ✔

Submit