Congratulations! You passed!

Grade received 100% To pass 80% or higher

Go to next item

Weekly challenge 4

Latest Submission Grade 100%

1. In the following spreadsheet, the column labels in row 1 are called what?

1 / 1 point

	A	В	С	D
1	Rank	Name	Population	County
2	1	Charlotte	885,708	Mecklenburg
3	2	Raleigh	474,069	Wake (seat), Durham
4	3	Greensboro	296,710	Guilford
5	4	Durham	278,993	Durham (seat), Wake, Orange
6	5	Winston-Salem	247,945	Forsyth
7	6	Fayetteville	211,657	Cumberland
8	7	Cary	170,282	Wake, Chatham
9	8	Wilmington	123,784	New Hanover
10	9	High Point	112,791	Guilford, Randolph, Davidson, Forsyth
11	10	Concord	96,341	Cabarrus

- O Criteria
- O Characteristics
- Attributes
- O Descriptors
- ✓ Correct

The column labels in row 1 are attributes that refer to the data in the column. An attribute is a characteristic or quality of data used to label a column in a table.

2. In the following spreadsheet, where can you find all of the attributes—also known as the observation—of Fayetteville?

1/1 point

	А	В	С	D
1	Rank	Name	Population	County
2	1	Charlotte	885,708	Mecklenburg
3	2	Raleigh	474,069	Wake (seat), Durham
4	3	Greensboro	296,710	Guilford
5	4	Durham	278,993	Durham (seat), Wake, Orange
6	5	Winston-Salem	247,945	Forsyth
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10	9	High Point	112,791	Guilford, Randolph, Davidson, Forsyth
11	10	Concord	96,341	Cabarrus

- O Cell B7
- Row 7
- O Column B
- O Row 6

○ Correct The observation for Fayetteville is in row 7. An observation is all of the attributes for something contained in a row of a data table.

3. If a data analyst wants to list the cities in this spreadsheet alphabetically, instead of numerically, what feature can they use in column B?

1 / 1 point

	A	В	С	D
1	Rank	Name	Population	County
2	1	Charlotte	885,708	Mecklenburg
3	2	Raleigh	474,069	Wake (seat), Durham

4	3	Greensboro	296,710	Guilford
5	4	Durham	278,993	Durham (seat), Wake, Orange
6	5	Winston-Salem	247,945	Forsyth
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11	10	Concord	96,341	Cabarrus

Organize range

Sort range

O Randomize range

O Name range

⊘ Correct

Sort range would be used to alphabetize the city names in column B. Sorting a range of data from A to Z helps data analysts organize and find data more quickly.

4. A data analyst types =POPULATION(C2:C11) to find the average population of the cities in this spreadsheet. However, they realize they used the wrong formula. What syntax will correct this function? 1 / 1 point

	A	В	С	D
1	Rank	Name	Population	County
2	1	Charlotte	885,708	Mecklenburg
3	2	Raleigh	474,069	Wake (seat), Durham
4	3	Greensboro	296,710	Guilford
5	4	Durham	278,993	Durham (seat), Wake, Orange
6	5	Winston-Salem	247,945	Forsyth
7	6	Fayetteville	211,657	Cumberland
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9	8	Wilmington	123,784	New Hanover
10	9	High Point	112,791	Guilford, Randolph, Davidson, Forsyth
11	10	Concord	96,341	Cabarrus

=AVERAGE(C2:C11)

O AVERAGE(C2-C11)

AVERAGE(C2:C11)

=AVERAGE(C2-C11)

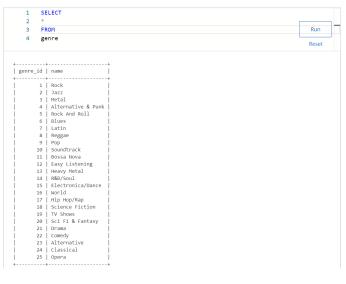
⊘ Correct

 $The correct AVERAGE function syntax is \verb|=AVERAGE| (C2:C11). AVERAGE returns an average of values from a selected range. C2:C11 is the specified range. \\$

5. You are working with a database table named *genre* that contains data about music genres. You want to review all the columns in the table.

1/1 point

You write the SQL query below. Add a FROM clause that will retrieve the data from the $\it genre$ table.



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) Blue										
) Met	al									
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O Bar

⊘ Correct

Line charts are effective for illustrating trends and patterns, such as how something changes over time.