✓ **Herzlichen Glückwunsch! Sie haben bestanden!**
ZUM BESTEHEN 80 % oder höher

[Lernen Sie weiter]

BEWERTUNG
96,87 %

Weekly challenge 3

NEUESTE EINREICHUNGSBEWERTUNG
96.87%

1. Fill in the blank: Data aggregation involves creating a _____ collection of data that originally came from multiple sources. **1 / 1 Punkten**

   ○ expanded
   ◉ summarized
   ○ modified
   ○ localized

   > ✓ **Richtig**
   > Data aggregation involves creating a summarized collection of data from multiple sources.

2. A data analyst wants to be sure all of the numbers in a spreadsheet are numeric. What function should they use to convert text to numeric values? **1 / 1 Punkten**

   ○ PROCESS
   ◉ VALUE
   ○ CONVERT
   ○ EXCHANGE

   > ✓ **Richtig**
   > The analyst should use the VALUE function to convert text to numeric values.

3. When using VLOOKUP, there are some common limitations that data analysts should be aware of. Identify these limitations. Select all that apply. **1 / 1 Punkten**

   ☑ VLOOKUP only returns the first match it finds, even if there are many possible matches.

   > ✓ **Richtig**
   > One limitation of VLOOKUP is that it only returns the first match it finds, even if there are many possible matches. Another is that it is only able to return a value from the data to the right of the column of the matched value.

   ☐ VLOOKUP can only return a value from the data to the left of the column it's typed into.

   ☐ VLOOKUP only returns matches it finds while searching through a row.

   ☑ VLOOKUP can only return a value from the data to the right of the column of the matched value.

   > ✓ **Richtig**
   > One limitation of VLOOKUP is that it only returns the first match it finds, even if there are many possible matches. Another is that it is only able to return a value from the data to the right of the column of the matched value.

4. A data analyst uses an absolute reference to lock a function array so rows and columns don't change if the function is copied. What symbol is used to create an absolute reference? **1 / 1 Punkten**

   ○ Asterisk (*)
   ○ Hashtag (#)
   ○ Ampersand (&)
   ◉ Dollar sign ($)

   > ✓ **Richtig**
   > Dollar signs create an absolute reference.

5. The following is a selection from a spreadsheet: **1 / 1 Punkten**

	A	B	C
1	**Country**	**Population in 2020 (millions)**	**Growth in population 2000-2020**
2	China	1,439,323,776	13.4 %
3	India	1,380,004,385	37.1 %
4	United States	331,002,651	17.3 %
5	Indonesia	273,523,615	27.7%
6	Pakistan	220,892,340	44.9%
7	Brazil	212,559,417	21.9%
8	Nigeria	206,139,589	66.3%
9	Bangladesh	164,689,383	27.9%
10	Russia	145,934,462	-0.8%

To search for the growth in population in Indonesia, what is the correct VLOOKUP syntax? Type your answer below.

=VLOOKUP("Indonesia", A2:C10, 3, false)

> ✓ **Richtig**

To search for the growth in population in Indonesia, the syntax is =VLOOKUP("Indonesia", A2:C10, 3, false). "Indonesia" is the reference. A2:C10 is the table array. The 3 indicates the number of the column from which the value should be returned. And the word false instructs the function to return an exact match.

6. An INNER JOIN is a function that returns records with matching values in two or more tables. AN OUTER JOIN is a function that combines RIGHT and LEFT JOIN to return all matching records in both tables.

1 / 1 Punkten

- ◉ True
- ◯ False

✓ **Richtig**
An INNER JOIN is a function that returns records with matching values in two or more tables. An OUTER JOIN is a function that combines RIGHT and LEFT JOIN to return all matching records in both tables.

7. A data analyst writes a query that asks a database to return only distinct values in a specified range, rather than including repeating values. Which function do they use?

1 / 1 Punkten

- ◯ RETURN VALUES
- ◉ COUNT DISTINCT
- ◯ COUNT
- ◯ RETURN

✓ **Richtig**
When writing SQL queries, an analyst can use the COUNT DISTINCT function to return only distinct values in a range.

8. Which of the following terms describe a subquery? Select all that apply.

0,75 / 1 Punkten

- ☑ Nested query

✓ **Richtig**
A subquery can also be called an inner query, inner select, or nested query.

- ☑ Inner query

✓ **Richtig**
A subquery can also be called an inner query, inner select, or nested query.

- ☐ Inner select
- ☐ Small query

Sie haben nicht alle korrekten Antworten ausgewählt.