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

[Lernen Sie weiter]

BEWERTUNG
83,33 %

Weekly challenge 2

NEUESTE EINREICHUNGSBEWERTUNG
83.33%

---

1. In data analytics, data that includes duplicates is considered clean.

   `1 / 1 Punkten`

   ○ True
   ◉ False

   > ✓ **Richtig**
   > Data that includes duplicates is dirty. Clean data is complete; relevant to the problem being solved; and correct, which means it does not include duplicates.

2. Field length is a spreadsheet tool for determining if a field has been duplicated.

   `1 / 1 Punkten`

   ○ True
   ◉ False

   > ✓ **Richtig**
   > Field length determines the number of characters that may be typed into a field.

3. In data analytics, duplicate data describes data that doesn't fit the specific problem that you're trying to solve.

   `1 / 1 Punkten`

   ○ True
   ◉ False

   > ✓ **Richtig**
   > Duplicate data is any record that inadvertently shares data with another record in a dataset.

4. Conditional formatting is a spreadsheet tool that changes how cells appear when values meet a specific condition. Data analysts can use conditional formatting to do which of the following tasks? Select all that apply.

   `1 / 1 Punkten`

   ☐ To calculate mathematical equations

   ☐ To sort data in series of cells into a meaningful order

   ☑ To identify blank cells or missing information

   > ✓ **Richtig**
   > Data analysts use conditional formatting to identify blank cells or missing information and to make cells stand out for more efficient analysis.

   ☑ To make cells stand out for more efficient analysis

   > ✓ **Richtig**
   > Data analysts use conditional formatting to identify blank cells or missing information and to make cells stand out for more efficient analysis.

5. A data analyst uses the SPLIT function to divide a text string around a specified character and put each fragment into a new, separate cell. What is the specified character separating each item called?

   `1 / 1 Punkten`

   ◉ Delimiter
   ○ Unit
   ○ Partition
   ○ Substring

   > ✓ **Richtig**
   > When using the SPLIT function, the specified character separating each item is called a delimiter.

6. When describing a SUM function, the syntax is =SUM(value 1 through value 2).

   `1 / 1 Punkten`

   ◉ True
   ○ False

   > ✓ **Richtig**
   > In a SUM function, =SUM(value 1 through value 2) is the syntax. Syntax is a predetermined structure that includes all required information and its proper placement in order for a function to work.

7. You are working with the following selection of a spreadsheet:

   `1 / 1 Punkten`

	A	B
1	Customer	Address
2	Sally Stewart	9912 School St. North Wales, PA 19454
3	Lorenzo Price	8621 Glendale Dr. Burlington, MA 01803
4	Stella Moss	372 W. Addison Street Brandon, FL 33510

| | | 5 | Paul Casey | 9069 E. Brickyard Road Chattanooga, TN 37421 |

In order to extract the five-digit postal code from North Wales, PA, what is the correct RIGHT function syntax? Type your answer below.

=RIGHT(B2,5)

✓ **Richtig**
The correct syntax is =RIGHT(B2,5). The RIGHT function returns a set number of characters from the right side of a text string. B2 is the specified cell. And 5 is the number of characters to return.

---

8. A data analyst in a human resources department is working with the following selection of a spreadsheet:

1 / 1 Punkten

	A	B	C	D
1	Year Hired	Last 4 of SS#	Department	Employee ID
2	2019	1192	Marketing	
3	2014	2683	Operations	
4	2020	1939	Strategy	
5	2009	3208	Graphics	

They want to create employee identification numbers (IDs) in column D. The IDs should include the year hired plus the last four digits of the employee's Social Security Number (SS#). What CONCATENATE function will create the ID 20093208 for the employee in row 5? Type your answer below.

=CONCATENATE(A5,B5)

✓ **Richtig**
To create the ID 20093208 for the employee in row 5, the function is =CONCATENATE(A5,B5). CONCATENATE joins together two or more text strings. (A5,B5) are the locations of the strings to be joined.

---

9. A data analyst at an e-commerce company is working with a spreadsheet containing last month's sales. The most expensive product their company sells costs $49.99, so they want to quickly confirm that all of the data in the Sales column is $49.99 or less. What function can they use?

1 / 1 Punkten

○ SUMIF
○ SUM
◉ COUNTIF
○ COUNT

✓ **Richtig**
They can use COUNTIF, which is a function that returns the number of cells that match a specified value or parameter.

---

10. A data analyst wants to search for a certain value in a column, then return a corresponding piece of information. Which function should they use?

1 / 1 Punkten

○ MATCH
◉ VLOOKUP
○ FIND
○ VALUE

✓ **Richtig**
VLOOKUP is used to search for a certain value in a column, then return a corresponding piece of information.

---

11. Fill in the blank: Data mapping is the process of _____ fields from one data source to another.

0 / 1 Punkten

○ matching
◉ extracting
○ merging
○ linking

! **Falsch**
Review the section on additional data-cleaning methods for a refresher.

---

12. Fill in the blank: A primary key references a _____ in which each value is unique.

0 / 1 Punkten

○ string
○ variable
○ column
◉ row

! **Falsch**
Review the section on additional data-cleaning methods for a refresher.