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Weekly challenge 4

Latest Submission Grade **100%**

1. Verification and reporting come directly before the data-cleaning process.

1 / 1 point

- ☐ True
- ☒ False

 **Correct**

Verification and reporting come after the data-cleaning process.

2. A data analyst is in the verification step. They consider the business problem, the goal, and the data involved in their analytics project. What scenario does this describe?

1 / 1 point

- ☒ Seeing the big picture
- ☐ Reporting on the data
- ☐ Visualizing the data
- ☐ Considering the stakeholders

 **Correct**

To see the big picture when verifying data cleaning, consider the business problem, the goal, and the data.

3. Which of the following functions automatically remove extra spaces when cleaning data?

1 / 1 point

- ☒ TRIM
- ☐ CLEAR
- ☐ REMOVE
- ☐ SNIP

 **Correct**

TRIM automatically removes extra spaces when cleaning data.

4. While verifying cleaned data, a data analyst encounters a misspelled name. Which function can they use to determine if the error is repeated throughout the dataset?

1 / 1 point

- ☐ CHECK
- ☐ COUNT
- ☐ CASE
- ☒ COUNTA

 **Correct**

To determine if the error is repeated throughout the dataset, they can use COUNTA.

5. Which SQL tool considers one or more conditions, then returns a value as soon as a condition is met?

1 / 1 point

- ☒ CASE
- ☐ THEN
- ☐ WHEN
- ☐ ELSE

 **Correct**

CASE considers one or more conditions, then returns a value as soon as a condition is met.

6. A data analyst uses a changelog while cleaning data. What process does a changelog support?

1 / 1 point

- ☐ Illumination

- ☒ Documentation
- ☐ Disclosure
- ☐ Examination

✓ **Correct**

A changelog supports documentation.

7. Fill in the blank: While cleaning data, a data analyst can use a changelog to keep a chronological list of changes they make. They can refer to it during the ____ period if there are errors or questions.

1 / 1 point

- ☐ visualization
- ☐ presenting
- ☐ documentation
- ☒ verification

✓ **Correct**

While cleaning data, a data analyst can use a changelog to keep a chronological list of changes they make. They can refer to it during the verification period if there are errors or questions.

8. Reviewing version history is an effective way to view a changelog in SQL.

1 / 1 point

- ☐ True
- ☒ False

✓ **Correct**

Reviewing version history is an effective way to view a changelog in spreadsheets.