



✓ **Congratulations! You passed!**
TO PASS 80% or higher

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GRADE
100%

Weekly challenge 2

LATEST SUBMISSION GRADE

100%

1. Which of the following statements describes an algorithm?

1 / 1 point

- ☒ A process or set of rules to be followed for a specific task
- ☐ A tool that enables data analysts to spot something unusual
- ☐ A method for recognizing the current problem or situation and identifying the options
- ☐ A technique for focusing on a single topic or a few closely related ideas

✓ **Correct**
A process or set of rules to be followed for a specific task describes an algorithm.

2. Fill in the blank: If a data analyst is measuring qualities and characteristics, they are considering ____ data.

1 / 1 point

- ☐ unbiased
- ☐ quantitative
- ☒ qualitative
- ☐ cleaned

✓ **Correct**
If a data analyst is measuring qualities and characteristics, they are considering qualitative data.

3. In data analytics, reports use data that doesn't change once it's been recorded. Which of the following terms describes this type of data?

1 / 1 point

- ☐ Comprehensive
- ☒ Static
- ☐ Real-time
- ☐ Monitored

✓ **Correct**
Static data is data that doesn't change once it's been recorded.

4. Which data-summarization tool do data analysts use to sort, reorganize, group, count, total, or average data?

1 / 1 point

- ☒ A pivot table
- ☐ A function
- ☐ A report
- ☐ A dashboard

✓ **Correct**
To sort, reorganize, group, count, total or average data, data analysts use a pivot table.

5. A metric is a single, quantifiable type of data that can be used for what task?

1 / 1 point

- ☒ Setting and evaluating goals
- ☐ Cleaning data
- ☐ Sorting and filtering data
- ☐ Defining a problem type



✓ **Correct**

A metric is a single, quantifiable type of data used when setting and evaluating goals.

6. Fill in the blank: A metric goal is a ____ goal set by a company that is evaluated using metrics.

1 / 1 point

- ☐ conceptual
- ☐ theoretical
- ☒ measurable
- ☐ finite

✓ **Correct**

A metric goal is a measurable goal set by a company that is evaluated using metrics.

7. Fill in the blank: Return on investment compares the cost of an investment to the ____ of that investment.

1 / 1 point

- ☐ timing
- ☐ future success
- ☐ purpose
- ☒ net profit

✓ **Correct**

Return on investment compares the cost of an investment to the net profit gained from that investment.

8. Describe the main differences between big and small data.

1 / 1 point

- ☒ Small data is specific and concerns a short time period. Big data is less specific and concerns a longer time period.
- ☐ Small data is less useful to data analysts. Big data is more useful to data analysts.
- ☐ Small data is typically stored and organized in databases. Big data is typically stored and organized in spreadsheets.
- ☐ Small data has been cleaned and sorted. Big data has not yet been cleaned or sorted.

✓ **Correct**

Small data is specific and concerns a short time period. Big data is less specific and concerns a longer time period.