✓ **Congratulations! You passed!**

Grade	Latest Submission	To pass 80% or
received 87.50%	Grade 87.50%	higher

Go to next item

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1. Fill in the blank: Data _____ refers to the accuracy, completeness, consistency, and trustworthiness of data throughout its life cycle.

1 / 1 point

○ replication

● integrity

○ analysis

○ sampling

✓ **Correct**
Data integrity is the accuracy, completeness, consistency, and trustworthiness of data throughout its life cycle.

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2. A financial analyst imports a dataset to their computer from a storage device. As it's being imported, the connection is interrupted, which compromises the data. Which of the following processes caused the compromise?

1 / 1 point

○ Data gathering

● Data transfer

○ Data manipulation

○ Data analysis

✓ **Correct**
Data transfer caused the compromise. When a data transfer is interrupted, it can result in an incomplete dataset.

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3. A data analyst is given a dataset for analysis. It includes data about the total population of every country in the previous 20 years. Based on the available data, an analyst would be able to determine the reasons behind a certain country's population increase from 2016 to 2017.

1 / 1 point

○ True

● False

✓ **Correct**
Based on the available data, the analyst would need more data to determine the reasons behind the population increase.

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4. A data analyst is given a dataset for analysis. To use the template for this dataset, click the link below and select "Use Template."

1 / 1 point

Link to template: June 2014 Invoices

OR

If you don't have a Google account, download the CSV file directly from the attachment below.

📎 **June 2014 Invoices - Sheet1**
CSV File

The analyst notices a limitation with the data in rows 8 and 9. What is the limitation?

○ Row 8 and row 9 show the wrong currency.

○ Row 9 needs more data.

○ Row 8 is not in the correct format.

● Row 9 is a duplicate of row 8.

✓ **Correct**
Row 9 is a duplicate of row 8. Duplicate data is a limitation because it will lead to faulty analysis.

5. A data analyst is working on a project about the global supply chain. They have a dataset with lots of relevant data from Europe and Asia. However, they decide to generate new data that represents all continents. What type of insufficient data does this scenario describe?

1 / 1 point

- ○ Data that's outdated
- ○ Data from only one source
- ◉ Data that's geographically limited
- ○ Data that keeps updating

✓ **Correct**
This example describes data that is insufficient because it's geographically limited. If the analytics project has a global focus, the dataset should also be global.

6. In the data analysis process, how does a sample relate to a population?

1 / 1 point

- ○ A sample is an ideal example taken from a population.
- ◉ A sample is a part of a population that is representative of the population.
- ○ A sample is a duplicate selection of data that is taken from the population.
- ○ A sample is an average of all the data that represents the population.

✓ **Correct**
A sample relates to a population by representing a population at a smaller scale.

7. A restaurant wants to gather data about a new dish by giving out free samples and asking for feedback. Who should the restaurant give samples to?

0 / 1 point

- ○ Diners who spend the most money on their meal
- ○ All diners
- ◉ Diners who are willing to pay for the samples
- ○ 80% of diners

✗ **Incorrect**
Review the video that covers sampling bias for a refresher.

8. Sometimes during analysis, an analyst discovers that it's necessary to adjust the business objective. When this happens, the analyst should take the initiative to do so without involving others in order to be respectful of their time.

1 / 1 point

- ○ True
- ◉ False

✓ **Correct**
If a data analyst believes the business objective should be adjusted, it's important to first have a discussion with stakeholders.