



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

Keep Learning

GRADE
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Weekly challenge 1

LATEST SUBMISSION GRADE

100%

1. Fill in the blank: If a data analyst is using data that has been ____, the data will lack integrity and the analysis will be faulty.

1 / 1 point

- ☐ clean
- ☐ public
- ☐ wide
- ☒ compromised

✓ **Correct**

If a data analyst is using data that has been compromised, the data will lack integrity and the analysis will be faulty.

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 transfer
- ☐ Data gathering
- ☐ Data manipulation
- ☐ Data analysis

✓ **Correct**

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

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. Which of the following questions can the analyst use this dataset to address? Select all that apply.

1 / 1 point

- ☒ What was the difference in population between two specific countries in 2018?

✓ **Correct**

The analyst could use the dataset to find the average population of a certain country from 2015 through 2020 and the difference in population between two specific countries in 2018.

- ☒ What was the average population of a certain country from 2015 through 2020?

✓ **Correct**

The analyst could use the dataset to find the average population of a certain country from 2015 through 2020 and the difference in population between two specific countries in 2018.

- ☐ What was the effect of migration on the population of a certain country?
- ☐ What was the reason for the population increase in a certain country?

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

template.

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

[Download file](#) 

Rows 10 and 11 contain duplicate data.

- ☐ True
- ☒ False

✓ **Correct**

Rows 10 and 11 do not contain duplicate data.

5. A data analyst at a nonprofit organization is working with a dataset about a summer fundraiser. Although they have a lot of useful data by the end of the month, they recognize that the data is insufficient. So, they decide to wait until the end of the season to begin working with the dataset. Which type of insufficient data does this example describe?

1 / 1 point

- ☒ Data that keeps updating
- ☐ Data from only one source
- ☐ Outdated data
- ☐ Geographically limited data

✓ **Correct**

This example describes insufficient data that keeps updating. If a dataset keeps updating, that means the data is still incoming and might be incomplete.

6. When gathering data through a survey, companies can save money by surveying 100% of a population.

1 / 1 point

- ☐ True
- ☒ False

✓ **Correct**

Using 100% of a population is ideal, but it can be very expensive to gather data from an entire population.

7. A restaurant gathers data about a new dish by providing free samples to parties of six or more diners. What does this scenario describe?

1 / 1 point

- ☒ Sampling bias
- ☐ Geographically limited sampling
- ☐ Unbiased sampling
- ☐ Random sampling

✓ **Correct**

This scenario describes sampling bias because parties of six or more are not representative of the population as a whole.

8. Which of the following processes helps ensure a close alignment of data and business objectives?

1 / 1 point

- ☒ Maintaining data integrity
- ☐ Having data update automatically during analysis
- ☐ Completing data replication
- ☐ Transferring data multiple times

✓ **Correct**

Maintaining data integrity helps ensure a close alignment of data and business objectives because the data is likely to be accurate, complete, consistent, and trustworthy.