



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

Keep Learning

GRADE
100%

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

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

✓ **Correct**

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

2. What is one potential problem associated with data manipulation that analysts must be aware of?

1 / 1 point

- ☐ Data manipulation can make a dataset easier to read.
- ☐ Data manipulation can help organize a dataset.
- ☐ Data manipulation can separate a dataset among different locations.
- ☒ Data manipulation can introduce errors.

✓ **Correct**

Data manipulation is the process of changing data to make it more organized and easier to read. However, it can sometimes introduce errors.

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 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 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 reason for the population increase in a certain country?

☐ What was the effect of migration on the population of 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

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

Rows 10 and 11 contain duplicate data.

- ☐ True
- ☒ False

✓ **Correct**

Rows 10 and 11 do not contain duplicate data.

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 from only one source
- ☐ Data that keeps updating
- ☐ Data that's outdated
- ☒ Data that's geographically limited

✓ **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. 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. Fill in the blank: Sampling bias in data collection happens when a sample isn't representative of ____.

1 / 1 point

- ☐ a subset of the population
- ☐ the population most affected by the data
- ☒ the population as a whole
- ☐ a dataset about the population

✓ **Correct**

Sampling bias in data collection happens when a sample isn't 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
- ☐ Transferring data multiple times
- ☐ Completing data replication

✓ **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.