



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

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87.50%

Test your knowledge on effective presentations

TOTAL POINTS 4

1. Which of the following is an example of a business task? Select all that apply.

1 / 1 point

✓ Identifying a company's most productive manufacturing plants

✓ **Correct**

Comparing purchasing trends, identifying productive manufacturing plants, and finding relationships between the weather and the economy are examples of business tasks.

☐ Theorizing that the amount of coffee purchased per day increases in the summer

✓ Comparing in-person and online clothing purchasing trends to make stocking decisions

✓ **Correct**

Comparing purchasing trends, identifying productive manufacturing plants, and finding relationships between the weather and the economy are examples of business tasks.

✓ Finding relationships between weather patterns and economic activity

✓ **Correct**

Comparing purchasing trends, identifying productive manufacturing plants, and finding relationships between the weather and the economy are examples of business tasks.

2. A supervisor asks a junior data analyst to present two hypotheses regarding a data analytics project. What is the purpose of a hypothesis?

1 / 1 point

☒ To theorize about data

☐ To summarize data

☐ To introduce findings

☐ To describe methods

✓ **Correct**

The purpose of a hypothesis is to theorize about your data. Data analysts use them to establish what they want to prove or disprove.

3. Which of the following is an example of an initial hypothesis? Select all that apply.

0.5 / 1 point

✓ A company's trend of annual revenue growth is from an increasing number of online sales

✓ **Correct**

An initial hypothesis is a theory you're trying to prove or disprove with data. Examples of an initial hypothesis include: a trend of annual revenue growth from an increasing number of online sales, a relationship between the holiday season and increased traffic congestion, and an increase of wildlife presence from a record high in annual rainfall.

✓ An increase in wildlife presence is due to a record high in annual rainfall

✓ **Correct**

An initial hypothesis is a theory you're trying to prove or disprove with data. Examples of an initial hypothesis include: a trend of annual revenue growth from an increasing number of online sales, a relationship between the holiday season and increased traffic congestion, and an increase of wildlife presence from a record high in annual rainfall.

✓ A manufacturing plant's reduced output in the last month is due to a natural disaster that shut down production.

✗ **This should not be selected**

This is an observation that has a known cause, not a hypothesis to prove. An initial hypothesis is a theory you're trying to prove or disprove with data. Examples of an initial hypothesis include: a trend of annual revenue growth from an increasing number of online sales, a relationship between the holiday season and increased traffic congestion, and an increase of wildlife presence from a record high in annual rainfall.

☐ A relationship exists between the holiday season and increased traffic congestion

4. In the McCandless Method, the first step involves communicating to the audience where they should focus and what the graphic is about. Which step is this?

1 / 1 point

- ☐ State the insight of your graphic
- ☐ Calling out data to support your insights
- ☐ Answer obvious questions before they're asked
- ☒ Introduce the graphic by name

✓ **Correct**

In the McCandless Method, the first step involves communicating to the audience where they should focus and what the graphic is about. This is the step for introducing the graphic by name.