



✓ **Congratulations! You passed!**

TO PASS 80% or higher

Keep Learning

GRADE
100%

Test your knowledge on analytical thinking

TOTAL POINTS 5

1. What practice involves identifying, defining, and solving a problem by using data in an organized, step-by-step manner?

1 / 1 point

- ☐ Data design
- ☐ Visualization
- ☐ Context
- ☒ Analytical thinking

✓ **Correct**

Analytical thinking involves identifying and defining a problem, then solving it by using data in an organized, step-by-step manner.

2. Data visualization is the graphical representation of information, including which of the following? Select all that apply.

1 / 1 point

☒ Maps

✓ **Correct**

Graphs, maps, and charts are used in data visualization.

☐ Icons

☒ Graphs

✓ **Correct**

Graphs, maps, and charts are used in data visualization.

☒ Charts

✓ **Correct**

Graphs, maps, and charts are used in data visualization.

3. Gap analysis is used to examine and evaluate how a process currently works with the goal of getting to where you want to be in the future.

1 / 1 point

- ☒ True
- ☐ False

✓ **Correct**

Gap analysis is used to examine and evaluate how a process currently works with the goal of getting to where you want to be in the future.

4. For what reasons do data analysts use a problem-oriented approach to data analysis? Select all that apply.

1 / 1 point

☒ To identify a problem

✓ **Correct**

Analysts use a problem-oriented approach to data analysis in order to identify, describe, and solve problems.

☒ To solve a problem

✓ **Correct**

Analysts use a problem-oriented approach to data analysis in order to identify, describe, and solve problems.

☐ To create a problem

☒ To describe a problem

✓ **Correct**

Analysts use a problem-oriented approach to data analysis in order to identify, describe, and solve problems.

5. Which aspect of analytical thinking involves being able to identify a relationship between two or more pieces of data?

1 / 1 point

- ☐ Context
- ☐ Data design
- ☐ Visualization
- ☒ Correlation

✓ **Correct**

Correlation involves being able to identify a relationship between two or more pieces of data. A correlation is like a relationship.