

✔ Congratulations! You passed!Grade received **100%** To pass 80% or higher[Go to next item](#)***Weekly challenge 1***

Latest Submission Grade 100%

1. Which of the following options describes data analysis?

1 / 1 point

- ☐ Using facts to guide business strategy
- ☐ Creating new ways of modeling and understanding the unknown by using raw data
- ☒ The collection, transformation, and organization of data in order to draw conclusions, make predictions, and drive informed decision-making
- ☐ The various elements that interact with one another in order to provide, manage, store, organize, analyze, and share data

✔ Correct

Data analysis is the collection, transformation, and organization of data in order to draw conclusions, make predictions, and drive informed decision-making.

2. Fill in the blank: Data ecosystems are made up of elements that ____ with each other. This makes it possible for them to produce, manage, store, organize, analyze, and share data.

1 / 1 point

- ☐ problem-solve
- ☐ unite
- ☒ interact
- ☐ gain insights

✔ Correct

Data ecosystems are made up of various elements that interact with one another in order to produce, manage, store, organize, analyze, and share data.

3. Fill in the blank: The primary goal of a data ____ is to create new questions using data.

1 / 1 point

- ☐ engineer
- ☐ designer
- ☒ scientist
- ☐ analyst

✔ Correct

Data scientists create new questions using data. Data science involves creating new ways of modeling and understanding the unknown by using raw data.

4. Select the best description of gut instinct.

1 / 1 point

- ☐ Manipulating data to match your intuition
- ☐ Using your innate ability to analyze results
- ☐ Choosing facts that complement your personal experiences
- ☒ An intuitive understanding of something with little or no explanation

✔ Correct

Gut instinct is an intuitive understanding of something with little or no explanation.

5. Billings Upholstery has defined a problem it needs to solve: Find a more environmentally friendly way to produce its furniture. A data analyst gathers relevant data, analyzes it, and uses it to draw conclusions. The analyst then shares their analysis with subject-matter experts from the manufacturing team, who validate the findings. Finally, a plan is put into action. This scenario describes what process?

1 / 1 point

- ☒ Data-driven decision-making
- ☐ Data science
- ☐ Identification of trends
- ☐ Customer service

✔ Correct

This company has put data at the heart of its business strategy in order to achieve data-driven decision-

making.

6. What do subject-matter experts do to support data-driven decision-making? Select all that apply.

1 / 1 point

- ☐ Collect, transform, and organize data
- ☒ Review the results of data analysis and identify any inconsistencies

✔ Correct

Subject-matter experts can offer insights into the business problem, identify inconsistencies in the analysis, and validate the choices being made.

- ☒ Validate the choices made as a result of the data insights

✔ Correct

Subject-matter experts can offer insights into the business problem, identify inconsistencies in the analysis, and validate the choices being made.

- ☒ Offer insights into the business problem

✔ Correct

Subject-matter experts can offer insights into the business problem, identify inconsistencies in the analysis, and validate the choices being made.

7. You have just finished analyzing data for a marketing project. Before moving forward, you share your results with members of the marketing team to see if they might have additional insights into the business problem. What practice does this support?

1 / 1 point

- ☐ Data management
- ☐ Data science
- ☒ Data-driven decision-making
- ☐ Data analytics

✔ Correct

Including insights from people who are familiar with the business problem is an example of data-driven decision-making. Data-driven decision-making is using facts to guide business strategy.

8. You have recently subscribed to an online data analytics magazine. You really enjoyed an article and want to share it in the discussion forum. Which of the following would be appropriate in a post? Select all that apply.

1 / 1 point

- ☐ Including an advertisement for how to subscribe to the data analytics magazine
- ☒ Including your own thoughts about the article

✔ Correct

Sharing informative articles is an appropriate use of the forum as long as you give credit to the original author. Also, posts should be relevant to data analytics and checked for typos and grammatical errors.

- ☒ Giving credit to the original author

✔ Correct

Sharing informative articles is an appropriate use of the forum as long as you give credit to the original author. Also, posts should be relevant to data analytics and checked for typos and grammatical errors.

- ☒ Checking your post for typos or grammatical errors

✔ Correct

Sharing informative articles is an appropriate use of the forum as long as you give credit to the original author. Also, posts should be relevant to data analytics and checked for typos and grammatical errors.