

✔ **Congratulations! You passed!**

**Grade**  
received 96.42%

**Latest Submission**  
Grade 96.43%

**To pass** 80% or  
higher

Retake the  
assignment in 54  
min

**Go to  
next  
item**

1. What is the term for someone who explores, cleans, analyzes, and visualizes data?

1 / 1 point

- ☒ Data professional
- ☐ Information technology professional
- ☐ Stakeholder
- ☐ Client

✔ **Correct**

2. Fill in the blank: Machine learning differs from automation in that it enables users to express how to perform a task by using \_\_\_\_\_ instead of explicit instructions.

1 / 1 point

- ☐ mapping
- ☒ data
- ☐ sampling
- ☐ schemas

✔ **Correct**

3. A company evaluates its data using metrics in order to achieve what goals? Select all that apply.

1 / 1 point

☒ To create predictive models

✔ **Correct**

☒ To identify trends

✔ **Correct**

☒ To inform best practices

✔ **Correct**

☐ To generate more data

4. What are some key advantages of the Python programming language? Select all that apply.

1 / 1 point

☒ It can be used to deploy data-driven applications.

✔ **Correct**

☐ It was created within the data community.

☒ Its formatting is visually uncluttered.

✔ **Correct**

☒ It is one of the easiest programming languages to learn.

✔ **Correct**

5. What is the Jupyter Notebook?

1 / 1 point

- ☒ A web-based computing platform for running code in real time
- ☐ A computer programming language used to communicate with a database
- ☐ A file containing a chronologically ordered list of modifications made to a project
- ☐ A range of values that conveys how likely it is that a statistical estimate reflects the population

✔ **Correct**

6. A data professional uses Tableau to create data visualizations that will help people understand their analysis results. They communicate the data insights using the visualizations, which helps non-technical stakeholders gain important insights. Which of the following communication practices does this scenario describe? Select all that apply.

0.75 / 1 point

☐ Sharing complex data

☒ Enriching data stories with visual elements

✔ **Correct**

☒ Simplifying data using a graphical interface

✔ **Correct**

☐ Creating a statistical model with code

You didn't select all the correct answers

7. Fill in the blank: Edge computing is a way of distributing \_\_\_\_\_ over a bunch of nearby processors that is good for speed and resilience and does not depend on a single source of computational power.

1 / 1 point

- ☐ data sources
- ☒ computational tasks
- ☐ coding libraries
- ☐ models

✓ Correct