

✔ **Congratulations! You passed!**

Grade received **100%** To pass 60% or higher

Go to next item

1. Which of the following options determines your choice of language to learn in data science?

1 / 1 point

- ☐ Size of organization
- ☐ Number of people who have the problem
- ☒ Problem to be solved and for who are you solving for
- ☐ Duration of the problem



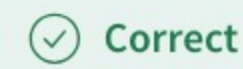
Correct

Correct! Your choice of language to learn depends on what the problem to be solved is and on the role of the person with the problem.

2. In Python, which library is used for Artificial Intelligence?

1 / 1 point

- ☐ Pandas
- ☐ SciPy
- ☒ TensorFlow
- ☐ NumPy



Correct

Correct! TensorFlow is a Python computing library for Artificial Intelligence.

3. What are the differences between Python and R languages?

1 / 1 point

- ☐ Python is free, while R is chargeable.
- ☐ Python has a different set of licenses than R.
- ☒ Python is open source, and R is free software.
- ☐ Python and R both are focused on a set of values



Correct

Correct! Python is open source (OSI), and R is free software (FSF).

4. What is the primary purpose of SQL?

1 / 1 point

- ☒ To query and handle structured data
- ☐ To translate from math to code
- ☐ To process language
- ☐ To manage unstructured data



Correct

Correct! SQL is useful in querying and handling structured data, as in data incorporating relations among entities and variables.

5. Which of the following language is exclusively an object-oriented programming language?

1 / 1 point

- ☐ C
- ☒ Java
- ☐ Julia
- ☐ Scala



Correct

Correct! Java is a general-purpose, object-oriented programming language.