

Question 1

What does Python use for Natural Language Processing? 1 / 1 point

TensorFlow

Pandas

Keras

Natural Language Toolkit

Correct

Correct! Python can also be used for Natural Language Processing (NLP) using the Natural Language Toolkit (NLTK).

Question 2

In Python, which library is not used for Data Science? 1 / 1 point

Pandas

SciPy

Caffe

Natural Language Toolkit

Correct

Correct. Caffe is a deep learning framework made with expression, speed, and modularity in mind.

Question 3

Which of the following is developed using the R language? 1 / 1 point

Automation

Relational DBMS

Graphing

Image processing

Correct

Correct! R language is used for graphing.

Question 4

Which statement is true for Open source and free software? 1 / 1 point

Open source is more business focused, while free software is more focused on a set of values.

Both open source and free software doesn't support collaboration.

Open source is more focused on a set of values, while free software is more business focused.

None of the above.

Correct

Correct. The Open-Source Initiative (OSI) champions open source, while the Free Software Foundation (FSF) defines free software. Open source is more business focused, while free software is more focused on a set of values.

Question 5

Which of the following is a global R community? 1 / 1 point

useR

RealPython

HackerEarth

PyLadies

Correct

Correct! useR is an R community.

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Question 6

Is the following statement true or false: R integrates well with C and C++.. 1 / 1 point

True

False

Correct

R integrates well with other computer languages like C++, Java, C, .Net and Python.

Question 7

Which of the following is not an SQL language element? 1 / 1 point

Spreadsheets

Predicate

Clauses

Queries

Correct

Correct. Spreadsheet is not language but it is a tool.

Question 8

Why is SQL an American National Standards Institute (or AN-see) standard? 1 / 1 point

SQL manages data

SQL knowledge applies to multiple databases

The SQL language is subdivided into several language elements

SQL can considerably speed up workflow executions

Correct

Correct! SQL is an American National Standards Institute (or AN-see) standard, which means if you learn SQL and use it with one database, you can apply your SQL knowledge to many other databases.

Question 9

Which Scala program is used for data science? 1 / 1 point

Apache Spark

Weka

MongoDB

Caffe

Correct

Correct! The most popular program built with Scala for data science is Apache Spark.

Question 10

Which is the language used to develop the Hadoop framework? 1 / 1 point

Java

C++

Python

Ruby

Correct

Hadoop is another application of Java which manages data processing and storage for big data applications running in clustered systems.