Practice Quiz - Languages

TOTAL POINTS 6

1. Which of the following statements is true? `1 point`

   ○ Python is the most popular language in data science.

   ○ 80% of data scientists worldwide use Python.

   ○ Python is useful for AI, machine learning, web development, and IoT.

   ○ Keras, Scikit-learn, Matplotlib, Pandas, and TensorFlow are all built with Python.

   ● All of the above

2. Which of the following are SQL databases? (Select all that apply.) `1 point`

   ☑ Oracle

   ☐ CouchDB

   ☑ MySQL

   ☑ MariaDB

   ☑ PostgreSQL

   ☐ MongoDB

3. Which statements are true about Open Source and Free Software? (Select all that apply.) `1 point`

   ☐ Free Software and Open Source can be used interchangeably.

   ☑ Free Software can always be run, studied, modified and redistributed with or without changes.

   ☑ Most of Free Software licenses also qualify for Open Source.

   ☑ Open Source Software can be modified without sharing the modified source code depending on the Open Source license.

4. Is the following statement true or false: R integrates well with other computer languages like C++, Java, C, .Net and Python. `1 point`

   ● True

   ○ False

5. Which of the following languages can be used for data science? `1 point`

   ○ R

   ○ Julia

   ○ Java

   ○ Javascript

   ○ Scala

   ○ SQL

   ● All of the above

6. Which of the following is used to make Artificial Intelligence and Machine Learning possible? (Select all that apply.) `1 point`

   ☐ Oracle

   ☑ PyTorch

   ☑ TensorFlow.js

   ☑ Apache Spark

   ☐ GNU

GNU

Caffe

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