FORMATIVE ASSESSMENT 3 -ITLPA701: PYTHON AND FUNDAMENTALS OF AI

Total points 20/20 ?

LEARNING UNIT 4–DEVELOP PYTHON SCRIPT
Evaluation of student performance

The respondent's email (**eliecyiza424@gmail.com**) was recorded on submission of this form.

0 of 0 points

NAMES *

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SUB-SECTOR *

◉ IT

REGISTRATION NUMBER *

22RP05056

Academic year *

◉ 2024-2025

Date *

MM   DD   YYYY

03 / 05 / 2025

SECTOR *

◉ ICT

LEVEL *

◉ REQF Level 7 Year 3 IT

Semester *

◉ 1

Answer the question carefully   20 of 20 points

✓ **Which Python library is used for machine learning and provides tools for supervised and unsupervised learning?** *2/2

○ Numpy

○ Pandas

◉ Scikit-Learn ✓

○ Scipy

✓ **What is the correct way to sort documents in ascending order by age in MongoDB?** *2/2

◉ find().sort("age", 1) ✓

○ find().sort("age", -1)

○ find().orderBy("age", "asc")

○ find().orderBy("age", "desc")

✓ **Which Python library is primarily used for numerical computing and supports multi-dimensional arrays?** *2/2

○ Pandas

○ Matplotlib

◉ Numpy ✓

○ Scikit-Learn

✓

What is the correct way to read all lines of a file as a list in Python? *   2/2

○ file.read()

○ file.readLine()

● file.readlines()   ✓

○ file.readAll()

✓

What is the default mode when opening a file in Python using the open() *2/2
function?

○ "w"

○ "a"

● "r"   ✓

○ "x"

✓

*2/2
Which MongoDB command is used to delete a specific document from a
collection?

● delete_one()   ✓

○ delete_all()

○ remove_one()

○ drop_one()

✓ **Which mode is used to append content to an existing file in Python?** *   2/2

○ "w"

◉ "a"   ✓

○ "r"

○ "x"

✓

What is the purpose of the $lookup operator in MongoDB? *   2/2

○ To delete documents

◉ To join collections   ✓

○ To update documents

○ To sort documents

✓ **Which Python library is used for creating static, animated, and interactive visualizations?**   *2/2

○ Pandas

◉ Matplotlib   ✓

○ Scipy

○ Scikit-Learn

✓
What is the correct command to install the MySQL connector in Python?   * 2/2

○ pip install mysql-python

○ pip install mysql-connector

◉ pip install mysql-connector-python   ✓

○ pip install pymysql

Google Forms