Jupyter_Notebook

March 20, 2025

Add your code below following the instructions given in the course Module 6- Tools for Data Science

My name is Alonzo and this notebook with inform you (the reader) of various Data Science tools, languages, and libraries. As well as display arithmentic expressions.

Data Science Languages: -Python -Java -R -C++ -Julia

Data Science Libraries: -Matplotlib -Tensorflow -Scikitlearn -Keras -Pandas -Seaborn

Data Science Tools: -Python -Tableau -SQL -Excel -Power BI -Apache Hadoop

Now that we have covered languages, libraries, and tools, let us introduce some arithmetic expressions. These will touch on addition, subtraction, multiplication, and division.

Examples: 1 + 1 3 - 2 5 * 5 76 / 2

```python
[3]: multiplication = 7 * 7
     print(multiplication)
     addition = 14 + 32
     print(addition)

     #We do not have to create variables and then print them out if we are only
      ↪doing one calculation
```

```
49
46
```

```python
[5]: hours = 60#minutes
     minutes = 60#seconds
     res = minutes / hours
     print(res)

     hours = 240
     minutes = 60
     res = hours / minutes
     print(res)
```

```
1.0
4.0
```

Our objectives for this notebook were: -Create a markdown cell with the title of the notebook: Complete -Create a markdown cell for an introduction: Complete -Create a markdown cell to list

data science languages: Complete -Create a markdown cell to list data science libraries: Complete -Create a markdown cell with a list of Data Science tools - Complete -Create a markdown cell introducing arithmetic expression examples - Complete -Create a code to multiply and add numbers - Complete -Create a code cell to convert minutes to hours - Complete -Insert a markdown cell to list objective- Complete -Create a markdown cell to indicate the Author's Name- Complete -Share your notebook through Github-Complete

Authored by Alonzo Enrique Ulery.