DataScienceEcosystem

In this notebook, Data Science Tools and Ecosystem are summarized.

Objectives:

- *List popular languages for Data Science*
- *List popular libraries for Data Science*
- *List popular data science tools and development environments.*
- *Demonstrate arithmetic expressions in Python.*
- *Show a code cell that can convert minutes to hours.*

Some of the popular languages that Data Scientists use are:

1. Python
2. R
3. SQL
4. Scala
5. Java
6. C++
7. Julia
8. Javascript
9. PHP
10. GO
11. Ruby
12. Visual Basic

Some of the commonly used libraries used by Data Scientists include:

1. Pandas
2. NumPy
3. Matplotlib
4. Seaborn
5. Scikit-learn
6. Keras
7. TensorFlow
8. PyTorch
9. Apache Spark
10. Vegas
11. Big DL
12. ggplot2

Data Science Tools

JupyterLab

Data Science Tools

Visual Studio Code

Google Colaboratory

Below are a few examples of evaluating arithmetic expressions in Python.

In [ ]:
```python
# This is a simple arithmetic expression to multiply then add integers.
(3*4)+5
```

Out[ ]: 17

In [ ]:
```python
# This will convert 200 minutes to hours by dividing it by 60.

print(format(200/60, ".2f"),"hours")
```

3.33 hours

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