

Data Science Tools and Ecosystem

Introduction

In this notebook, Data Science Tools and Ecosystem are summarized

Objectives

- > List the popular languages used by Data Scientists
- > Identify commonly used libraries in Data Science
- > Examples of arithmetic expressions in Data Science

Some of the popular languages that Data Scientists use are:

1. Python
2. R
3. Julia

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

1. Pandas
2. Numpy
3. Scikit-learn
4. Seaborn

Data Science Tools

1. Jupiter Lab
2. Spyder
3. Idle
4. PyCharm

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

1. Addition
2. Subtraction
3. Multiplication
4. Division.
5. Exponential.

```
In [1]: #This a simple arithmetic expression to mutiply then add integers.  
(3*4)+5
```

```
Out[1]: 17
```

In [2]: *#This will convert 200 minutes to hours by diving by 60*
200/60

Out[2]: 3.3333333333333335

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