

Data Science Tools and Ecosystem

This notebook will be used to summarize Data Science tools and ecosystems.

Objectives:

- List most common languages in data science
- List most popular libraries
- List common developing environments
- Complete simple arithmetic operations

Some of the most common languages used in data science are:

1. Python
2. R
3. SQL
4. C++
5. Java

Some of the most popular libraries in data science include:

1. Pandas
2. NumPy
3. SciPy
4. TensorFlow
5. Ggplot

Data Science Tools
RStudio
VisualStudio
JupyterLab

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

In [2]:

```
# simple arithmetic operation including multiplication and addition.  
  
(3*4)+5
```

Out[2]: 17

In [19]:

```
# operation transforming minutes to hours.  
  
minutes = 200  
  
hours = minutes // 60  
  
print("hours in 200 min:",hours)  
  
hours in 200 min: 3
```

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In []: