

# Data Science tools and ecosystem

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

## Objectives:

- + Create a new Jupyter Notebook
- + Use different header levels
- + Executing Arithmetic Functions
- + Share notebook through Github

Some of the popular languages that Data Scientists use are:

1. Python
2. R
3. Java
4. Scala

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

1. Pandas
2. TensorFlow
3. Scipy
4. Numpy

Table listing three development environment open source tools in Data science

Data Science Tools
Jupyter Notebooks
Zeppelin
R Studio

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

example of arithmetic expression:

```
In [1]: (11+3)*2
```

```
Out[1]: 28
```

```
In [1]: #This is simple arithmetic expression to multiply then add integer  
(3*4)+5
```

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

```
In [6]: #This will convert 200 minutes to hours by diving by 60  
200/60
```

```
Out[6]: 3.3333333333333335
```

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