



# Data Science Tools and Ecosystem

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

## Objectives:

- Python
- Jupyter notebook
- GitHub
- Numpy

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Some of the popular languages that Data Science use are:

1. Python
2. SQL
3. R
4. Julia
5. Scala

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

1. Numpy
2. Pandas
3. Matplotlib
4. Scikit-learn
5. NLTK

## Data Science Tools

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Jupyter Notebook

Hadoop

Rstudio

**Below are few examples of evaluating arithmetic expressions in Python**

```
In [6]: # This is a simple arithmetic expretion to mutiply then add integers  
(3*4)+5
```

Out[6]: 17

```
In [11]: # This will convewrt 200 minutes to hours by diving by 60  
minutes = 200  
hours = minutes/60  
print(minutes, "minutes =", round(hours, 2), "hours")
```

200 minutes = 3.33 hours