# Data Science Tools and Ecosystem

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

Some of the popular languages that Data Scientists use are:

Python R SQL Julia Scala

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

NumPy Pandas TensorFlow Scikit-learn Matplotlib

Data Science Tools Jupyter Notebook RStudio Apache Zeppelin

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

```
\mbox{\tt\#} This a simple arithmetic expression to multiply then add integers (3 * 4) + 5
```

**→** 17

# This will convert 200 minutes to hours by dividing by 60  $^{200}$  /  $^{60}$ 

→ 3.33333333333333335

## Objectives:

List popular languages for Data Science. List commonly used libraries in Data Science. Describe open-source tools used in Data Science. Demonstrate basic arithmetic expressions in Python.

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