

Data Science Tools and Ecosystem

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

****Objectives:****

- List popular languages for Data Science.
- Introduce common libraries used in Data Science.
- Create and format tables in Markdown.
- Execute basic arithmetic operations in Python.
- Convert units of measurement using Python.

Some of the popular languages that Data Scientists use are:

1. Python
2. R
3. SQL

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

1. Numpy
2. Panda
3. Matplotlib

Data Science Tools

Jupyter Notebook

RStudio

Apache Zeppelin

Below are a few examples of evaluating arithmetic expressions in Python

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

Out[3]: 17

```
In [4]: ▶ # This will convert 200 minutes to hours by dividing by 60
200 / 60
```

Out[4]: 3.3333333333333335

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In []: ▶