

Data Science Tools and Ecosystem

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

Objectives:

- List Popular languages used in Data Science
- List commonly used libraries used in Data Science
- Evaluating arithmetic expressions in Jupyter Notebook
- Understanding the use of markdown in Jupyter Notebook

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. Pandas
3. Matplotlib
4. Seaborn
5. Scikit-Learn

Data Science Tools

Jupyter Notebook

R-Studio

Apache Zeppelin

Below are a few examples of evaluating arithmetic expressions in Python

In [1]:

```
1 # This is a simple arithmetic expression to multiply then add integers
2
3 (3*4) +5
```

Out[1]:

17

In [3]:

```
1 # This will convert 200 minutes to hours by dividing by 60
2
3 200 / 60
```

Out[3]:

3.3333333333333335

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