

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:

1. Python
2. R
3. SQL

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

1. Pandas
2. NumPy
3. Scikit-learn

Data Science Tools

Jupyter Notebook

RStudio

Apache Spark

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

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

Out[1]: 17

```
In [2]: # This will convert 200 minutes to hours by dividing by 60  
hours = 200 / 60  
hours
```

Out[2]: 3.3333333333333335

Objectives:

- List popular languages for Data Science
- List commonly used libraries for Data Science
- Introduce tools used in Data Science
- Show examples of arithmetic expressions in Python

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In []: