

DataScienceEcosystem

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1 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
4. Julia
5. Java

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

1. Pandas
2. NumPy
3. Scikit-learn
4. TensorFlow
5. Matplotlib

Data Science Tools

Jupyter Notebook

RStudio

Apache Zeppelin

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

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

[1]: 17

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

```
[2]: 3.3333333333333335
```

Objectives:

- List popular languages for Data Science
- Identify commonly used libraries in Data Science
- Introduce open-source development environment tools for Data Science
- Perform basic arithmetic operations in Python
- Convert time units using Python expressions

1.1 Author

Pryson R

```
[ ]:
```