

DataScienceEcosystem

October 1, 2025

1 Data Science Tools and Ecosystem

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

Objectives: * Languages of Data Science * Commonly used Libraries for Data Science * Commonly used OpenSource Development Environments * Arithmetic Expressions

Some of the popular languages that Data Scientists use are: 1. Python 2. R 3. Java 4. C 5. C++ 6. Julia

Some of the commonly used libraries used by Data Scientists include: 1. ggplot2 2. caret 3. stringr 4. dplyr

Data Science Tools

Jupyter Notebook

RStudio

Visual Studio

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

```
[7]: #This is a example of mathematical expressions and integer addition
(3*4)+5
```

[7]: 17

```
[9]: #This is an expression to convert minutes in hours (60 min = 1 hours) -> h =
    ↪min/60
200/60
```

[9]: 3.3333333333333335

1.1 Author

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