

DataScienceEcosystem

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1 Data Science Tools and Ecosystem

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

Objectives: * List popular languages for Data Science * List commonly used libraries * List open source development environments * Arithmetic expressions

Some of the popular languages that Data Scientists use are: 1. Python 2. R 3. SQL 3. Julia 4. Matlab

Some of the commonly used libraries used by Data Scientists include: 1. Ggplot2 2. Dplyr 3. Caret 4. Shiny

Data Science Tools

Visual studio code
Anaconda
Orange

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

```
[12]: # This a simple arithmetic expression to mutiply then add integers
      (3*4)+5
```

```
[12]: 17
```

```
[13]: # This will convert 200 minutes to hours by diving by 60
      200/60
```

```
[13]: 3.3333333333333335
```

1.1 Author

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