

DataScienceEcosystem.ipynb

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1 Data Science Tools and Ecosystem

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

1.1 Objectives

- List popular languages in Data Science
- List some commonly used libraries in Data Science
- Create a table of Data Science Tools
- Perform multiplication and addition arithmetic
- Perform division arithmetic

1.2 Author

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Some of the popular languages that Data Scientists use are: 1. Python 2. R 3. Java

Some of the commonly used libraries used by Data Scientists include: 1. Pandas 2. Numpy 3. ggplot2

Data Science Tools

Data Science Tools

SQL

VS Code

Jupyter Lab

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

```
[12]: (3*4)+5

# This a simple arithmetic expression to mutiply then add integers
```

```
[12]: 17
```

```
[14]: 200/60

# This will convert 200 minutes to hours by diving by 60
```

[14]: 3.3333333333333335

[]: