

DataScienceEcosystem1

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1 Data Science Tools and Ecosystem

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

Objectives: * Some of the popular languages that Data Scientists use * Some of the commonly used libraries used by Data Scientists * Creating a table * a few examples of evaluating arithmetic expressions in Python * Converting minutes in hours

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

Some of the commonly used libraries used by Data Scientists include: 1. Matplotlib 2. pandas 3. numpy

Data Science Tools

Jupyter Notebook

Rstudio

Apache Zeppelin

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

1. Addition: $2 + 3 = 5$
2. Subtraction: $7 - 4 = 3$
3. Multiplication: $5 * 6 = 30$
4. Division: $9 / 3 = 3$
5. Mod: $10 \% 3 = 1$

```
In [2]: # This a simple arithmetic expression to mutiply then add integers
        print((3*4)+5)
```

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In [3]: # This will convert 200 minutes to hours by diving by 60
        print(200/60)
```

3.3333333333333335

1.1 Author

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