

DataScienceEcosystem

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Add your code below following the instructions given in the course 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: ordered list: 1. Python 2. R 3. SQL 4. Julia

Some of the commonly used libraries used by Data Scientists include: 1. Pandas 2. Numpy 3. Matplotlib 4. Scikit-learn

Data Science Tools | Tool | Description | |
Jupyter Notebook | Interactive environment for writing code & notes | | RStudio | IDE for R programming | | Spyder | IDE for Python with data science features |

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

```
[7]: # Addition
     3 + 5
```

[7]: 8

```
[8]: # Multiplication
     4 * 7
```

[8]: 28

```
[9]: # Division
     10 / 2
```

[9]: 5.0

```
[12]: # Combined operations
      # 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

Objectives: Unordered list - List popular languages for Data Science - Identify commonly used Data Science libraries - Create tables using Markdown syntax
- Write and execute basic arithmetic expressions in Python
- Convert units (e.g., minutes to hours) using Python code

0.1 Author

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