Data Science Tools and Ecosystem

In this notebook, we will summarize the tools and ecosystems used in data science.

Objectives:

- List popular languages for Data Science
- List commonly used libraries in Data Science
- Understand the tools in Data Science Ecosystem
- Demonstrate basic arithmetic operations in Python

Here are some of the popular programming languages used in data science:

1. Python
2. R
3. Julia

Some of the commonly used libraries by data scientists include:

1. Pandas
2. NumPy
3. Matplotlib
4. Scikit-learn

Data Science Tools
Jupyter Notebook
RStudio
Apache Zeppelin

Here are some examples of how arithmetic expressions are evaluated in Python.

```
In [5]:   # This is a simple arithmetic expression to multiply and then add integers
          (3 * 4) + 5
```

Data Science Tools and Ecosystem

Code

Open in...   Python 3 (ipykernel)

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[6]: # This will convert 200 minutes to hours by dividing by 60
     hours = 200 / 60
     hours
```
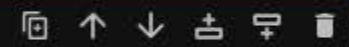
```
[6]: 3.3333333333333335
```

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Author

Edwyn Lugo

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