

DataScienceEcosystem

June 18, 2025

Add your code below following the instructions given in the course

1 Data Science Tools and Ecosystem

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

Objectives:

- List popular languages used in Data Science.
- List the common libraries used in Data Science.
- Show some arithmetic examples using the Python language.

Some of the popular languages that Data Scientists use are:

1. Python
2. R
3. SQL

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

Data Science Tools

JupyterLab

RStudio

Apache Zeppelin

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

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

```
[1]: 17
```

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

```
[2]: 3.3333333333333335
```

1.1 Author

Verónica Lendínez Tortajada