1. Create Jupyter Folder

2. Data Science Ecosystem

3. Introduction

4. Data Science Languages

Languages that Data Scientists use are:

- Python
- R
- SQL
- Julia
- Scala

5. Data Science Libraries

Libraries by data scientists include:

- Pandas
- NumPy
- Matplotlib
- Seaborn
- Scikit-learn
- TensorFlow
- PyTorch

6. Data Science Tools

Tool	Description
Jupyter Notebook	An open-source tool for creating notebooks
RStudio	Integrated development environment for R
Apache Hadoop	A framework for distributed storage & processing of data

7. Arithmetic Expression Examples

Examples of basic arithmetic expressions, such as

- (sum,+),

- (minus, -) ,
- (division/),
- (multiply, *)

```
In [7]:   # 8. Multiply and add numbers
          (3 * 4) + 5
```

Out[7]:   17

```
In [14]:  # 9. Convert minutes to hours
          minutes = 200
          hours = minutes / 60
          print(round(hours, 2), "hours")
```

3.33 hours

10. Objectives

In this notebook, we aim to:

- List popular languages for Data Science.
- Identify commonly used libraries in Data Science.
- Perform arithmetic operations using Python.

11. Author

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```
In [7]:   !jupyter-nbconvert --to html DataScienceEcosystem.ipynb
```

```
In [ ]:
```