DataScienceEcosystem

June 15, 2025

Add your code below following the instructions given in the course Notebook

0.1 Introduction

This notebook contains basic examples of Python operations used in data science.

0.2 Data Science Languages

Some of the popular languages that Data Scientists use are:

1. Python

2. R

3. SQL

4. Julia

5. Scala

0.3 Data Science Libraries

Some of the commonly used libraries by Data Scientists include:

1. NumPy

2. Pandas

3. Matplotlib

0.3.1 Examples of Arithmetic Expressions

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

```
[1]: # This is a simple arithmetic expression to multiply then add integers
(3 * 7) + 9
```

```
[1]: 30
```

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

[2]: 3.3333333333333335

Objectives:

- List popular languages for Data Science

- Identify commonly used Data Science libraries

- Create tables using Markdown

- Perform basic arithmetic operations in Python

- Convert units using Python code

0.4 Author

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[ ]:
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