

# 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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