

# DataScienceEcosystem

May 9, 2025

**Add your code below following the instructions given in the course** Data Science Tools and Ecosystem

In this notebook Data Science Tools and Ecosystem are summarized.

## 1 Data Science Tools and Ecosystem

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

Some of the popular languages that Data Scientists use are: 1. Python 2. SQL 3. C++ 4. Fortran 5. R 6. C

Some of the commonly used libraries used by Data Scientists include: 1. Pandas 2. NumPy 3. ggplot 4. Keras 5. Sckit-Learn 6. SciPy

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Data Science Tools

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TensorFlow

Matplotlib

SAS

Power BI

Tableau

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

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

[6]: 17

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

[8]: 3.3333333333333335

**Objectives:** \* List popular languages for Data Science \* Some of the popular languages that Data Scientists use are \* Some of the commonly used libraries used by Data Scientists include \* Data Science Tools \* Below are a few examples of evaluating arithmetic expressions in Python

## 1.1 Author

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