

# DataScienceEcosystem

November 21, 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 for Data Science - List commonly used libraries - List Data Science Tools

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: - NumPy - Pandas - Matplotlib

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Data Science Tools

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RStudio

Apache Spark

Apache Hadoop

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

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

17

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

3.333333333333333

### 1.1 Author

Fabian

```
[ ]:
```