

# DataScienceEcosystem

October 23, 2025

**Add your code below following the instructions given in the course    Exercise 1: Create a Jupyter Notebook**

## 1    Done

**Exercise 2: Create markdown cell with title of the notebook**

## 2    Data Science Tools and Ecosystem

**Exercise 3 - Create a markdown cell for an introduction**

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

**Exercise 10 - Insert a markdown cell to list Objectives**

**Objectives:** - List popular languages for Data Science. - List popular Libraris for Data Science.  
- List tools for Data Science in form of table.

**Exercise 4 - Create a markdown cell to list data science languages**

Some of the popular languages that Data Scientists use are:

- 1) Python
- 2) R
- 3) Scala

**Exercise 5 - Create a markdown cell to list data science libraries**

Some of the commonly used libraries used by Data Scientists include: 1) Numpy 2) Pandas 3) Scikit-learn

**Exercise 6 - Create a markdown cell with a table of Data Science tools**

Data Sceince Tools
Jupyter Notebook
R Studio
Anaconda

**Exercise 7 - Create a markdown cell introducing arithmetic expression examples**

**2.0.1** Below are a few examples of evaluating arithmetic expressions in Python

**Exercise 8 - Create a code cell to multiply and add numbers**

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

[4]: 17

**Exercise 9 - Create a code cell to convert minutes to hours**

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

[6]: 3.3333333333333335

**Exercise 11 - Create a markdown cell to indicate the Author's name**

**2.1 Author**

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