

DataScienceEcosystem

August 10, 2025

Add your code below following the instructions given in the course

1 Data Science Tools and Ecosystems

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

Some of the popular languages that Data Scientists use are: 1. R 2. Python 3. SQL

Some of the commonly used libraries used by Data Scientists include: 1. Numpy 2. Pandas 3. Matplotlib 4. Seaborn 5. Scikit-learn 6. Tensorflow 7. PyTorch

Data Science Tools

Python

R

Github

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

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

[3]: 17

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

[4]: 3.3333333333333335

Objectives: - List popular languages for data science - Create different markdown cells - Create and execute a code cell

1.1 Author

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```
[ ]:
```