

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

Data Science Tools
RStudio
Apache Spark
Apache Hadoop

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

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

17

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

3.33333333333333

1.1 Author

Fabian

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