

DataScienceEcosystem

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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.

2 Objectives

1. List popular languages for Data Science
2. Explain the roles of libraries in Python for Data Science
3. Demonstrate how to use Jupyter Notebooks
4. Understand the significance of SQL

Some of the popular languages that Data Scientists use are: 1. Python 2. R 3. SQL 4. Julia

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

Data Science Tools

Jupyter Notebook
RStudio
Apache Spark

Below are a few examples of evaluating arithmetic expression in python

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

[1]: 17

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

[2]: 3.3333333333333335

2.1 Author

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