

# DataScienceEcosystem

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## 1 Data Science Tools and Ecosystem

## 2 In this notebook, Data Science Tools and Ecosystem are summarized

**Objectives:** - List popular languages that Data Scientists use - List commonly used libraries - Create a table with data science tools - Perform simple arithmetic expressions

## 3 Some of the popular languages that Data Scientists use are:

1. Python
2. SQL
3. R
4. Java
5. C++

## 4 Some of the commonly used libraries used by Data Scientists include:

1. Pandas
2. Scikit-learn
3. Matplotlib
4. NumPy
5. TensorFlow

### 4.1 |Data Science Tools|

|Jupyter| |RStudio| |Apache Flink|

### Below are a few examples of evaluating arithmetic expressions in Python. 1+4

3+2

3-1

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

[3]: 17

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

[5]: 3

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