

# DataScienceEcosystem

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## 1 Data Science Tools and Ecosystem

1.1 In this notbook, Data Science Tools and Ecosystem are summarised

```
[ ]: #  
    **Objectives**  
    - list of popular languages for data science  
    - commonly used libraries used in data science  
    - arithmetic expression  
    - open sourced environment  
    - github
```

```
[ ]:
```

1.2 Some of the popular languages that Data Science use are

1. Python
2. R
3. SQL
4. Java
5. Scala
6. C++
7. Java Script
8. Julia

1.3 Some of the commonly used libraries used by Data Scientists Include:

1. Pandas
2. Num Py
3. Matplotlib
4. Seabon
5. Py Touch
6. Apache Spark
7. Keras
8. Tensor Flow

### 1.3.1 Below are the examples of evaluating arithmetic expression in Python

```
[9]: #  
      (3*4)+5  
      #This a simple arithmetic expression to multiply then add integer
```

[9]: 17

```
[10]: #  
       200/60  
       #This will convert 200 minutes to hours by dividing by 60
```

[10]: 3.3333333333333335

## 1.4 Author

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