



## Data Science Tools and Ecosystem

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

Some of the popular languages that Data Scientists use are:

1. Python
2. R
3. SQL
4. Scala

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

1. TensorFlow
2. NumPy
3. SciPy
4. Pandas
5. Matplotlib

### Data Science Tools

Spyder

JupyterLab

PyCharm

Below are a few examples of evaluating arithmetic expressions in Python

```
In [2]: 2+3
```

```
Out[2]: 5
```

```
In [3]: 4/2
```

```
Out[3]: 2.0
```

```
In [4]: 9%5
```

Out [4]: 4

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

17

```
In [6]: #This will convert 200 minutes to hours by diving by 60
hours = 200/60
print (hours)
```

3.3333333333333335

## List popular languages for Data Science

### Objectives

#### unordered list

Some of the key takeaways from the course:

- Introduction to popular Data Science languages like Python, R, and SQL
- Popular Data Science libraries
- Practical training on Watson Studio

## Author

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In [ ]: