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. Scala
4. SQL

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

- Pandas
- Numpy
- Matplotlib
- seaborn
- sklearn
- scipy
- tensorflow
- Keras
- pickle

```
In [2]: import pandas as pd
        pd.DataFrame({'Data Science Tools':['Jyupiter Notebook','Tableau','Excel','R','NLTK']})
```

Out[2]:

	Data Science Tools
0	Jyupiter Notebook
1	Tableau
2	Excel
3	R
4	NLTK

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

```
In [3]: 5+5
```

Out[3]: 10

```
In [4]: 10-5
```

Out[4]: 5

```
In [5]: 3-5
```

Out[5]: -2

- This a simple arithmetic expression to mutiply then add integers.

```
In [9]: (5*5)+6
```

Out[9]: 31

```
In [16]:  (10/5)+5
```

Out[16]: 7.0

- This will convert 200 minutes to hours by diving by 60.

```
In [15]:  200/60
```

Out[15]: 3.3333333333333335

OBJECTIVES:

- Popular Languages of Data Science
- Commonly used libraries in Data Science
- Commonly used Data Science Tools

Author

Karunasagar

```
In [ ]:
```