

Data Science Tools and Ecosystem

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

Objectives:

- Popular languages that data scientists use.
- commonly used libraries used by data scientists.
- Creating a table in markdown.
- Arthimetic expressions.

Some of the popular languages that Data Scientists use are:

1. Python
2. R
3. SQL

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

1. Pandas
2. Numpy
3. matplotlib
4. Seaborn
5. Scikit-learn
6. Tensorflow

Table:

Data Science Tools
Jupyter notebook / lab
VS Code
R Studio
IBM Watson Studio

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

2*3+5

In [3]:

```
2*3+5
```

Out[3]:

11

In [6]:

```
#This a simple arithmetic expression to mutiply then add integers.
```

```
(3*4)+5
```

Out[6]:

17

In [8]:

```
#Insert a comment line before the expression to explain the operation e.g.
```

```
#This will convert 200 minutes tohours by diving by 60.
```

```
a=200
```

```
b=a/60
```

```
print("Time in hours:", b)
```

Time in hours: 3.3333333333333335

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