Data Science Tools and Ecosystem

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

Objectives

- Python
- SQL
- R
- Scala
- Julia

Some of the popular languages that Data Scientists use are:

1. Python
2. SQL
3. R

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

1. Pandas
2. NumPy
3. SciPy
4. Matplotlib
5. Seaborn
6. Scikit-learn
7. TensorFlow
8. PyTorch

Data Science Tools
Jupyter
Apache Zeppelin
R Studio

Below are a few examples of evaluating arithmetic expressions in Python

```python
In [2]:  # This a simple arithmetic expression to mutiply then add integers
(3*4)+5
```

```
Out[2]:  17
```

```python
In [4]:  # This will convert 200 minutes to hours by diving by 60
minutes = 200
hours = minutes/60

print(hours)
```

```
3.3333333333333335
```

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