

Data Science Tools and Ecosystem

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

Objectives:

- Popular programming languages in Data Science
- Data Science Libraries
- Data Science Tools
- Calculations using Python

In this notebook, we will summarize Data Science Tools and Ecosystem.

Programming Languages are the major tools for a Data Scientist. Some of the popular programming languages are:

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

Some of the commonly used data science libraries are:

1. Pandas (python)
2. Numpy (python)
3. Scikitlearn (python)
4. Matplotlib (python)
5. Vegas (Scala)
6. ggplot2 (R)

Data Science Tools

Apache Spark

Jupyter Notebook

Tensorflow

Below are a few examples of evaluating arithmetic expression in Python:

```
In [ ]: (3*4)+5
```

Out[]: 17

The code below converts 200 minutes into hours

In []: `200/60`

Out[]: 3.3333333333333335

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