

Data Science Tools and Ecosystem

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

Objectives:

- List popular languages for Data Science
- Know commonly used libraries
- Memorize some examples of python expression

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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. Scikit-learn
5. TensorFlow

Data Science tools

Jupyter Lab

Rstudio

Apache Spark

Below are a few examples of evaluating arithmetic expressions in Python

```
In [3]: # This is a simple arithmetic expression to multiply then add intergers
(3*4)+5
```

Out[3]: 17

```
In [1]: # This will convert 200 minutes to hours by diving by 60
hours = round(200 / 60, 2)
print(hours)
```

3.33