

# Data Science Tools and Ecosystem

This notebook is regarding the various tools used in Data Science. There are different tools in distinct phases in a data science project. Each tool plays its role from data preprocessing to exploratory data analysis to model building to deployment.

Some of the popular languages that Data Scientists use are:

1. Python
2. R Language
3. Scala

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

1. Numpy
2. Pandas
3. Scikit learn

## Data Science Tools

Jupyter Notebook

Spyder

VS Code

## Below are the examples of evaluating arithmetic expressions in Python

```
In [2]: #This is a simple arithmetic expression to multiply and add integers  
(3*4)+5
```

Out[2]: 17

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

Out[4]: 3.3333333333333335

## Objectives

- Python
- R
- Scala

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