

# Data Science Tools and Ecosystem

In this notebook, we will summarize the data science tools and ecosystem briefly.

## Objectives

- Data science tools
- Languages used in Data science
- Libraries used in Data science
- Examples from python

Some of the most popular languages used for Data science are :

1. Python
2. R Statistics
3. Java Script
4. SQL

Some libraries used for Data Science:

1. Caret
2. Numpy
3. ggplot
4. tensorflow

Few examples of evaluating arithmetic expressions in Python:

- Addition:  $x+y$
- Multiplication:  $x*y$
- Integer Division:  $x//y$

```
In [15]: # A simple arithmetic expression
x=3
y=4
z=5
w=x*y + z
print(w)
```

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```
In [16]: # We will convert 200 minutes to hours by diving by 60
minutes=200
hour=60
convert=200/60
print(convert)
```

3.3333333333333335

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