



## Data Science Tools and Ecosystem

- List popular languages that Data Scientists use.
- List commonly used libraries used by Data Scientists.
- Comment on Data Science tools.

Some of the popular languages that Data Scientists use are:

1.Python 2.R. 3.SQL. 4.Java. 5.Julia. 6.Scala. 7.C/C++. 8.JavaScript.

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

1. TensorFlow.
2. NumPy.
3. SciPy.
4. Pandas.
5. Matplotlib.
6. Keras.
7. SciKit-Learn.
8. PyTorch.
9. Scrapy.
10. BeautifulSoup.
11. LightGBM.

Data Science Tools:

### Data Science Tools

SAS

Apache Spark

BigML

Below are a few examples of evaluating arithmetic expressions in Python

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

Out[ ]: 17

This will convert 200 minutes to hours by diving by 60

```
In [ ]: hours = 200
min = 60

time = hours * min
time
```

Out[ ]: 12000

### Objectives:

- List of Popular Languages for data Science
- Tools for data Science
- Libraries used by data Scientists

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