

datascienceecosystem

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1 Data Science Tools and Ecosystem

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

3 Objectives:

- List popular languages for Data Science.
- List popular tools & libraries for Data Science.
- Create a table.
- Evaluating arithmetic expression in python.
- Convert minutes to hours.

4 Some of the popular languages that Data Scientists use are:

4.0.1 1. R.

4.0.2 2. Python.

4.0.3 3. SQL.

4.0.4 4. Julia.

4.0.5 5. Scala

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

1. Numpy.

2. Pandas.

3. Matplotlib.

4. Sklearn.

5. Tensorflow.

“Data Science tools”

“Apache Spark”

“Tensorflow”

“Anaconda”

“MongoDB”

6. Pytorch.

5.0.1 Below are a few examples of evaluating arithmetic expressions in Python:

1. $(2+6)$
2. $(8-6)$
3. $(5*7)$
4. $(9/3)$
5. $(7\%4)$
6. $(9//5)$

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

[1]: 17

```
[2]: # This will convert 200 minutes to hours by diving by 60.  
(200/60)
```

[2]: 3.3333333333333335

5.1 Author

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