DataScienceEcosystem

September 1, 2023

1 Data Science Tools and Ecosystem

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

Objectives: * RStudio * Jupyter * Anaconda * Python

Some of the popular languages that Data Scientists use are:

1. Python
2. R
3. SQL
4. Scala

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

1. Pandas
2. NumPy
3. SciPy
4. Matplotlib

Data Science Tools
Jupyter
RStudio
Apache Spark

1.0.2 Below are a few examples of evaluating arithmetic expressions in Python

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

```
[23]: 17
```

```
[26]: # This will convert 200 minutes to hours by dividing by 60
      200/60
```

```
[26]: 3.3333333333333335
```

1.1 Author

Kim Howard-Humphreys