DataScienceEcosystem

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Add your code below following the instructions given in the course

1 Data Science Tools and Ecosystem

This notebook summarizes the tools and ecosystem of data science.

Objectives: - List common languages and libraries used in data science. - List open source data science development platforms. - Demonstrate some basic arithmetic in python.

Popular languages used in data science include:

1. Python
2. R
3. Scala
4. C++

Some of the common libraries used in data science include: 1. Pandas 2. Numpy 3. sci-kit learn 4. ggplot2

Data Science Tools
Jupyter Lab
RStudio
KNIME

1.0.1 Below are some examples of evaluating arithmetic expressions in Python:

```
[1]: #This is a demonstration of arithmetic operations on integers in Python.
     (3*4)+5
```

```
[1]: 17
```

```
[16]: #This will convert minutes to hours by dividing by 60

      print("200 minutes = ", 200/60, end=" hours")
```

```
200 minutes =  3.3333333333333335 hours
```

1.1 Author

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